



Be true & be pure, make experiment available at your fingertips!

Efficient & durable protein purification tools

Abbkine is one of the leading suppliers of cytology and Proteomic products. Our unique PurKine series combines a complete line of protein fusion labeled peptides and antibodies to meet your demands for the purification of most types of proteins, sample preparation and test analysis, so as to help your proteomics research career.



Due to the pain points of low expression level and poor solubility of some target proteins, MBP label becomes the best choice for inclusion body and insoluble recombinant protein. MBP affinity purification tool combines the recombinant protein under physiological conditions and uses maltose for mild elution to perfectly retain the activity of MBP-tag protein.

 Ordering information: KTP2020 | Size: 1 mL/1 mLx5

-  MBP|Strep II|His|GST
-  Biotin|Protein A/G|Endotoxin Removal|Tag antibodies and conjugates
-  Protein Gel Fast Staining Solution 
(Coomassie Blue)

MBP-Tag Protein Purification Tools

PurKine™ MBP-Tag Protein Purification Kit (Dextrin) can be reused without regeneration, but with the increase of non-specific proteins and the accumulation of proteins, the velocity and capacity may decrease, and then the resin can be cleaned to restore performance. Dextrin beads is a chromatography medium for purifying proteins fused to maltose binding protein (MBP-tag protein). Proper folding of the attached protein increases the solubility of fusions overexpressed in bacteria, especially eukaryotic proteins, which can be purified in one step. The recombinant protein can be gently eluted with 10 mM maltose to protect the activity of the label protein. MBP fusion portion is easy to be removed with site specific protease.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ MBP-Tag Protein Purification Kit(Dextrin)	Protein purification	KTP2020	1 mL/1 mL×5	139/309
PurKine™ MBP-Tag Dextrin Resin	Protein purification	BMR2020	5 mL/25 mL	169/519

Strep II-Tag Protein Purification Tools

PurKine™ Strep II Purification system is based on innovative high-capacity matrix for convenient single-step purification of biotin and biotinylated substances. Strep II is a short peptide (8 amino acids). The binding affinity of strep tag II to strep tacin is 100 times higher than the streptavidin. This product mix optimizes the process to achieve optimal protein yield, stability and solubility. It's also confirmed that no decrease in performance occurs after at least five repeated uses. It is also available as prepacked spin column and kit formats.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ Strep II-Tag Strep-Tactin Resin 4FF	Protein purification	BMR2040	2 mL/10 mL	149/449

His-Tag Protein Purification Tools

Immobilized metal affinity chromatography (IMAC) is a popular method for protein purification, particularly for recombinant proteins fused to a His tag. You can also choose other metal chelating, like Cu²⁺ or Co²⁺ ligand products, and insoluble His-tag protein can be purified from inclusion body under denaturation condition. Ni is the most commonly used chelating metal ion with Resin ligands mainly IDA and NTA.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ His-Tag Protein Purification Kit (Ni-NTA)	Protein purification	KTP2001	1 mL/1 mL×5	129/459
PurKine™ His-Tag Ni-NTA Resin	Protein purification	BMR2001	5 mL/25 mL	109/239

GST-Tag Protein Purification Tools

PurKine™ GST-Tag Purification system is based on innovative high-capacity matrix for convenient one-step purification of recombinant glutathione S-transferase (GST) fusion proteins and other glutathione binding proteins expressed in E. coli, insect cells and mammalian cells. The portfolio allow optimization of process for maximum protein yield, stability and solubility. Tests also confirm that no decrease in performance occurs after at least five repeated uses. The PurKine™ GST-Tag Purification resin is also available as prepacked spin column and kit formats.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ GST-Tag Protein Purification Kit (Glutathione)	Protein purification	KTP2010	1 mL/1 mL×5	139/309
PurKine™ GST-Tag Glutathione Resin	Protein purification	BMR2010	5 mL/25 mL	169/519

Biotin-Tag Protein Purification Tools

PurKine™ Biotin-Tag Purification system is based on innovative high-capacity matrix for convenient single-step purification of biotin and biotinylated substances. Biotinylated antibodies, proteins, peptides, nucleic acids and other molecules or interaction complexes can be captured, immunoprecipitated, removed or purified from samples using this streptavidin resin.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ Biotin-Tag Protein Purification Kit (Streptavidin)	Protein purification	KTP2030	1 mL/1 mL×5	239/589
PurKine™ Biotin-Tag Streptavidin Resin 6FF	Protein purification	BMR2030	5 mL/25 mL	149/449

Protein A/G Antibody Purification Tools

PurKine™ Protein A/G Purification system is effective for affinity purification of IgG from serum, ascites fluid, cell culture supernatant and other antibody samples. Recombinant Protein A/G is chemically modified with a proprietary method to minimize nonspecific binding of proteins. Protein A/G binds to all human IgG subclasses and binds well to all mouse IgG subclasses but does not bind mouse IgA, IgM or serum albumin. The PurKine™ Protein A/G Purification Resin is also available as prepacked spin column and kit formats. Agarose resin and magbeads formation are both available.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ Antibody Purification Kit (Protein A/G)	Protein purification	KTP2070	1 mL/1 mL×5	269/689
PurKine™ Protein A/G Resin 4FF	Protein purification	BMR2070	2 mL/10 mL	199/799

Endotoxin Removal Tools

Abbkine also provides you with purification products related to endotoxin. PurKine™ Endotoxin Removal system is a popular method for removing residual endotoxins from samples, which reduce impurities, improve protein purification efficiency and prevent column clogging, include resin fillers and complete kit products that offer high capacity and performance, cost savings and flexibility in use.

Product Name	Application	Cat. No.	Size	Price(\$)
PurKine™ Endotoxin Removal Kit (Polymyxin B)	Protein purification	KTP2140	1 mL/1 mL×5	139/309
PurKine™ Endotoxin Removal Resin	Protein purification	BMR2140	5 mL/25 mL	169/519

Tag antibodies and conjugates

Epitope tags are often used in conjunction with recombinant protein expression systems in E. coli, yeast or mammalian cells to help researchers selectively extract target protein from endogenous samples. Abbkine offers a full set of epitopes & tag monoclonal and polyclonal antibody combinations with high specificity and a wide variety of application types, such as GST, His, HA, DDDDK (Flag), Myc, MBP and mCherry. Abbkine also offers a wide range of conjugated labeled antibodies, including biotin, HRP, AbFluor dye, agarose and magnetic beads, to meet your different needs.

Product Name	Application	Cat. No.	Size	Price(\$)
Anti-DDDDK Tag Mouse Monoclonal Antibody (1B10)	WB, IF, IP	ABT2010	50µl/200µl/200µl×5	59/109/499
Agarose Conjugated Anti-DDDDK Tag Mouse Monoclonal Antibody(1B10)	IP	ABT2013	100µl/400µl/2ml	99/259/789
Magnetic Beads Conjugated Anti-DDDDK Tag Mouse Monoclonal Antibody(1B10)	IP	ABT2014	100µl/400µl/2ml	109/279/879
Anti-His Tag Mouse Monoclonal Antibody (5C3)	WB, IF, IP	ABT2050	50µl/200µl/200µl×5	59/109/499

Product Name	Application	Cat. No.	Size	Price(\$)
Agarose Conjugated Anti-His Tag Mouse Monoclonal Antibody(5C3)	IP	ABT2053	100µl/400µl/2ml	99/259/789
Magnetic Beads Conjugated Anti-His Tag Mouse Monoclonal Antibody(5C3)	IP	ABT2054	100µl/400µl/2ml	109/279/879
Anti-Myc Tag Mouse Monoclonal Antibody (2D5)	WB, IF, IP	ABT2060	50µl/200µl/200µl×5	59/109/499
Agarose Conjugated Anti-Myc Tag Mouse Monoclonal Antibody(2D5)	IP	ABT2063	100µl/400µl/2ml	99/259/789
Magnetic Beads Conjugated Anti-Myc Tag Mouse Monoclonal Antibody(2D5)	IP	ABT2064	100µl/400µl/2ml	109/279/879
Anti-V5 Tag Mouse Monoclonal Antibody (11D5)	WB, IF, IP	ABT2170	50µl/200µl/200µl×5	79/229/759
Agarose Conjugated Anti-V5 Tag Mouse Monoclonal Antibody(11D5)	IP	ABT2173	100µl/400µl/2ml	99/259/789
Magnetic Beads Conjugated Anti-V5 Tag Mouse Monoclonal Antibody(11D5)	IP	ABT2174	100µl/400µl/2ml	109/279/879
Anti-GST Tag Mouse Monoclonal Antibody (2A8)	WB, IF, IP	ABT2030	50µl/200µl/200µl×5	59/109/499
Anti-MBP Tag Mouse Monoclonal Antibody (9Y5)	WB	ABT2070	50µl/200µl/200µl×5	79/229/759
Anti-mCherry Tag Mouse Monoclonal Antibody (9D3)	WB	ABT2080	50µl/200µl/200µl×5	59/109/499

Also offers a hot line of SuperKine™ series related to protein purification tools

SuperKine™ Protein Gel Fast Staining Solution (Coomassie Blue) HOT

The instant SuperKine™ Protein Gel Fast Staining Solution (Coomassie Blue) developed by Abbkine has the advantages of short staining time, clear color, good repeatability and high safety, and can obtain a clear and clean background without decolorization. Based on the classical Coomassie blue staining principle, the target protein recovered after staining can be used for subsequent MS or Sequencing analysis.



Product Name	Cat. No.	Size	Flash sale	Market Price(\$)
SuperKine™ Protein Gel Fast Staining Solution (Coomassie Blue)	BMU105-EN	250 mL×2	\$59	199/11

• Application for free sample

Product Name	Cat. No.	Size
SuperKine™ Protein Gel Fast Staining Solution (Coomassie Blue)	BMU105-EN-s	30 mL×2

Abbkine Scientific Ltd

As the world's unique cell and protein product portfolio supplier, we provide basic tools and solutions in the fields of protein extraction and purification, immunoassays, cell culture separation, and metabolic analysis. Abbkine is committed to customer's success and excellence.

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.

