

## Recombinant Protein L

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Protein L is a protein that is isolated from *Peptostreptococcus magnus* and can bind to immunoglobulin. The recombinant Protein L is expressed by *Escherichia coli* retains the same protein as the antibody kappa chain binding properties without affecting the antigen-binding site of the antibody. Therefore, compared with protein A and protein G, protein L can bind all kinds of immunoglobulins (IgA, IgD, IgE, IgG and IgM), and can more widely bind antibodies of various species. Protein L binds very weakly to rabbit immunoglobulins and does not bind immunoglobulins of bovine, goat or sheep origin. Protein L can also be combined with single-chain antibody (scFv) and Fab fragments, which has a wide range of applications

Catalog No.	5180003
Size	5mg / 20mg
Product Category	Recombinant Protein
Expression Host	E.coli
Tag	6x His Tag
Mol. Weight	35.5 kDa $\pm$ 1kDa
Purity	>95% by HPLC and SDS-PAGE
Formulation	Lyophilized, 0.2um filtered solution of 1x PBS (pH 7.3)
Reconstitution	Reconstitute with distilled PBS
Synonyms	Staphylococcal protein L; SPL
Storage/Stability	-20°C for 1 year
Shipping	Gel Packs