

Protein L Recombinant Protein

Recombinant Protein L

CATALOG #
AAA39102

PRODUCT SYNONYMS

Protein L; Recombinant Protein L; Protein-L; Protein L Recombinant; SPL; Protein L recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Protein-L was lyophilized with no additives.
Sequence	KEETPETPET DSEEEVTIKA NLIFANGSTQ TAEFKGTFEK ATSEAYAYAD TLKKNNGEYT VDVADKGYTL NIKFAGKEKT PEEPKEEVTI KANLIYADGK QTAEFKGTF EEATAEAYRY ADALKKDNGE YTVADVADKGY TLNKFAGKE KTPEEPKEEV TIKANLIYAD GKTQTAEFKG TFEATAEAY RYADLLAKEN GKYTVDVADK GYTLNKFAG KEKTPEEPKE EVTIKANLIY ADGKTQTAEF KGTFAEATAE AYRYADLLAK ENGKYTDLE DGGYTINIRF AGKKVDEKPE EKEQVTIKEN IYFEDGTVQT ATFKGTFAEA TAEAYRYADL LSKEHGKYTA DLEDGGYTIN IRFAG
Source	E Coli
Solubility	It is recommended to reconstitute the lyophilized Protein-L in sterile water or saline not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Preparation and Storage	Lyophilized Protein-L although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Protein-L should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Protein L recombinant protein	Description: Protein-L Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 365 amino acids and having a molecular mass of 40.5 kDa but it migrates with an apparent molecular mass of 45 kDa in SDS-PAGE. The Protein-L is purified by proprietary chromatographic techniques. Introduction: The recombinant Protein L is genetically engineered protein and holds 5 IgG-binding regions of protein L and it has the exclusive capability to bind through kappa light chain interactions without interfering with the antibody's antigen-binding site. Cell wall binding region, cell membrane binding region and albumin binding region were removed to ensure the highest specific IgG binding. The recombinant Protein L is perfect for purification of polyclonal or monoclonal IgG antibodies and it binds to human, mouse, rat and pig IgG.
Product Categories/Family for Protein L recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Protein-A; A/G & G

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.