

Protein L Recombinant

Item Number	rAP-4592
Synonyms	SPL.
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.
Uniprot Accession Number	
Amino Acid Sequence	KEETPETPET DSEEEVTIKA NLIFANGSTQ TAEFKGTFEK ATSEAYAYAD TLKKDNGEYT VDVADKGYTL NIKFAGKEKT PEEPKEEVTI KANLIYADGK TQTAEFKGTF EEATAEAYRY ADALKKDNGE YTVDVADKGY TLNIKFAGKE KTPEEPKEEV TIKANLIYAD GKTQTAEFKG TFEETAEEAY RYADLLAKEN GKYTVDVADK GYTLNIKFAG KEKTPEEPKE EVTIKANLIY ADGKTQTAEF KGTFEATAE AYRYADLLAK ENGKYTADLE DGGYTINIRF AGKKVDEKPEEKEQVTIKEN IYFEDGTVQT ATFKGTFAEA TAEAYRYADL LSKEHGKYTA DLEDGGYTIN IRFAG
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Protein-L although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Protein-L should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	Protein-L was lyophilized with no additives. Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Protein-L in sterile water or saline not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**