Cys-Protein-L Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cys-Protein-L, Recombinant Protein
Full Product Name	Recombinant Cys-Protein-L
Product Synonym Names	Cys-Protein-L; Cys-Protein L Recombinant; Cys-Protein-L
Sequence	CKEETPETPE TDSEEEVTIK ANLIFANGST QTAEFKGTFE KATSEAYAYA DTLKKDNGEY TVDVADKGYT LNIKFAGKEK TPEEPKEEVT IKANLIYADG KTQTAEFKGT FEEATAEAYR YADALKKDNG EYTVDVADKG YTLNIKFAGK EKTPEEPKEE VTIKANLIYA DGKTQTAEFK GTFEEATAEA YRYADLLAKE NGKYTVDVAD KGYTLNIKFA GKEKTPEEPK EEVTIKANLI YADGKTQTAE FKGTFAEATA EAYRYADLLA KENGKYTADL EDGGYTINIR FAGKKVDEKP EEKEQVTIKE NIYFEDGTVQ TATFKGTFAE ATAEAYRYAD LLSKEHGKYT ADLEDGGYTI NIRFAG
Host	E Coli
Form/Format	Protein-L was lyophilized without any additives. Sterile Filtered White lyophilized (freeze-dried) powder.
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
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.
Solubility	It is recommended to reconstitute the lyophilized Protein-L in sterile 18M-cm H2O not less than 0.1mg/ml, which can then be further diluted to other aqueous solutions.
Product Categories/Family for Cys-Protein-L recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Protein-A; A/G & G
Related Product Information for Cys-Protein-L recombinant protein	**Description:** Recombinant Protein-L produced in E Coli is a single non-glycosylated polypeptide chain fused with a Cys at N-terminus. Protein-L is comprised of 5 IgG-binding regions of protein L (B1-B2-B3-B4-B5) containing 366 amino acids in total and having a molecular mass of 40.6kDa, however, it migrates with an apparent molecular mass of 46kDa on SDS-PAGE. Cell wall binding region, cell membrane binding region and albumin binding region have been eliminated from the recombinant Protein-L to guarantee the maximum specific IgG binding. **Introduction:** The Recombinant Protein L is comprised of 5 kappa-binding domains. Protein L has the exceptional ability to bind through kappa light chain interactions without hindering with the antibody's antigen-binding site. This gives Protein L the capacity to bind a broader range of Ig classes and subclasses than other antibody-binding proteins. The recombinant Protein L is perfect for purification of polyclonal or monoclonal IgG antibodies. Protein L binds to IgG from humans, mice, rats and pigs.
Other Notes	Small volumes of Cys-Protein-L recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Cys-Protein-L purchase	MBS145992 is a recombinant protein targeting Cys-Protein-L. Also known as Recombinant Cys-Protein-L. Host: E Coli.

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Online datasheet: https://www.mybiosource.com/recombinant-protein/cys-protein-l/145992