9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Protein-L, His

Protein L Recombinant, His Tag
RCP1724

Product Overview

Name	Protein-L, His

Description

Protein L Recombinant, His Tag

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Protein-L was lyophilized without any additives.

Stability

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.

Purity

Greater than 97.0% as determined by: (a) Analysis by SEC-HPLC. (b) Analysis by SDS-PAGE.

Amino acid sequence

M HHHHHH KEE TPETPETDSE EEVTIKANLI FANGSTQTAE FKGTFEKATS EAYAYADTLK KDNGEYTVDV ADKGYTLNIK FAGKEKTPEE PKEEVTIKAN LIYADGKTQT AEFKGTFEEA TAEAYRYADA LKKDNGEYTV DVADKGYTLN IKFAGKEKTP EEPKEEVTIK ANLIYADGKT QTAEFKGTFE EATAEAYRYA DLLAKENGKY TVDVADKGYT LNIKFAGKEK TPEEPKEEVT IKANLIYADG KTQTAEFKGT FAEATAEAYR YADLLAKENG KYTADLEDGG YTINIRFAGK KVDEKPEEKE QVTIKENIYF EDGTVQTATF KGTFAEATAE AYRYADLLSK EHGKYTADLE DGGYTINIRF AG.

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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.

Precautions

Protein-L, His is for research use only and not for use in diagnostic or therapeutic procedures.