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Datasheet for ABIN7121164
Protein L Protein (PE,His tag)

Overview

Quantity:	25 tests
Target:	Protein L
Origin:	Peptostreptococcus magnus
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Protein L protein is labelled with PE,His tag.

Product Details

Purpose:	PE-Labeled Recombinant Protein L Protein, His Tag (Site-specific conjugation)
Sequence:	Lys 106- Gly 470
Characteristics:	PE-Labeled Recombinant Protein L, His Tag (RPL-PP2H2) is produced via site-specific conjugation of PE to Recombinant Protein L, His Tag under optimal conditions with a proprietary technology. Recombinant Protein L is expressed from E.coli cells. It contains AA Lys 106- Gly 470 (Accession # D6S9W1-1).

Target Details

Target:	Protein L
Alternative Name:	Protein L (Protein L Products)
Background:	Synonyms: RPL,Protein L, Description: Protein L was isolated from the surface of bacterial species Peptostreptococcus magnus and was found to bind Ig(IgG,IgM,IgA,IgE and IgD) through L chain interaction, from

Target Details

which the name was suggested. Despite this wide-ranging binding capability with respect to Ig classes, Protein L is not a universal immunoglobulin-binding protein. Binding of Protein L to immunoglobulins is restricted to those containing kappa light chains (i.e., k chain of the VL domain). In humans and mice, kappa (k) light chains predominate. The remaining immunoglobulins have lambda (l) light chains. The recombinant protein contains four immunoglobulin (Ig) binding domains (Bdomains) of the native protein. Besides antibody, protein L is also suitable for binding of a wide range of antibody fragments such as Fabs, single-chain variable fragments (scFv), and domain antibodies (Dabs).

Molecular Weight: 43.7 kDa

NCBI Accession: [WP_002836096](#)

Application Details

Application Notes: This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 43.7 kDa.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, 0.5 % BSA, pH 7.4

Storage: -20 °C

Storage Comment: -20°C, avoid light