

Recombinant human CCL25/TECK protein

Catalog Number: ATGP2997

PRODUCT INFORMATION

Expression system

E.coli

Domain

24-150aa

UniProt No.

O15444

NCBI Accession No.

NP_005615

Alternative Names

C-C motif chemokine ligand 25, Chemokine TECK, Small-inducible cytokine A25, SCYA25, Thymus-expressed chemokine, TECKvar, Ckb15, Ck beta-15

PRODUCT SPECIFICATION

Molecular Weight

16.8 kDa (152aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CCL25 also known as C-C motif chemokine 25 isoform 1. CCL25 is potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritic cells but is inactive on peripheral blood lymphocytes and neutrophils. It binds to CCR9. Isoform 2 is an antagonist of isoform 1 and binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4. Recombinant human CCL25-iso1, fused to His-tag at N-terminus, was expressed in E. coli.

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Amino acid Sequence

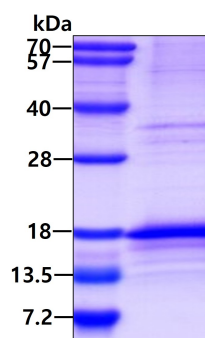
<MGSSHHHHHH SSGLVPRGSH MGSHM>QGVFE DCCLAYHYPI GWAVLRRRAWT YRIQEVSGSC NLPAAIFYLP
KRHRKVCGNP KSREVQRAMK LLDARNKVFA KLHNTQTQFQ AGPHAVKKLS SGNSKLSSSK FSNPISSSKR NVSLLISANS GL

General References

Watts A.O. et al. (2013) J. Biol. Chem. 288:7169-7181.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.