

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

> 90% 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.

Recombinant human CCL25/TECK protein

Catalog Number: ATGP2997

Amino acid Sequence

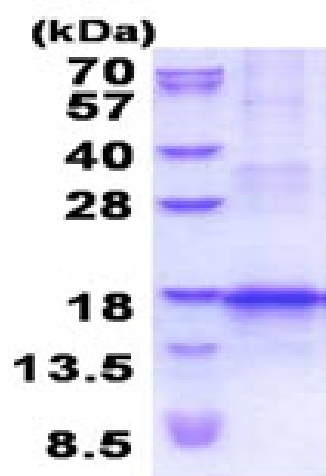
MGSSHHHHHHH SSGLVPRGSH MGSHMQGVFE DCCLAYHYPI GWAVLRRRAWT YRIQEVSGSC NLPAAIFYLP KRHRKVCGNP
KSREVQRAMK LLDARNKVFA KLHHNTQTFQ AGPHAVKKLS SGNSKLSSSK FSNPISSSKR NVSLLISANS GL

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.

15% SDS-PAGE (3ug)