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# Recombinant human CCL25/TECK protein

Catalog Number: ATGP2997

## **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

24-150aa

#### UniProt No.

015444

#### **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 dendritics cells but is inactive on peripheral blood lymphocytes and neutrophils. It binds to CCR9. Isoform 2 is an antagonist of isoform1 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**

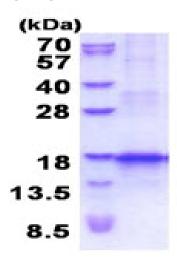
MGSSHHHHHH SSGLVPRGSH MGSHMQGVFE DCCLAYHYPI GWAVLRRAWT YRIQEVSGSC NLPAAIFYLP KRHRKVCGNP KSREVQRAMK LLDARNKVFA KLHHNTQTFQ AGPHAVKKLS SGNSKLSSSK FSNPISSSKR NVSLLISANS GL

#### **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)