

CCL25 24-150aa, Human, His tag, E.coli

Cat.NO.: TP01461

3th Edition

Synonyms:C-C motif chemokine 25 isoform 1, Ckb15, SCYA25, TECK

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 .

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

Molecular Weight:16.8kDa (152aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMQGVFEDCCLAYHYPIGWAVLRRRAWTYRIQEVSGSCNLPAAIFYLPKRHR
KVCGNPKSREVQRAMKLLDARNKVFALHHTQTFQAGPHAVKKLSSGNSKLSSSKFSNPISSSKRVNLSLLISANS
GL

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.