

Recombinant human CCL3L1/LD78-beta protein

Catalog Number: ATGP0916

PRODUCT INFORMATION

Expression system

E.coli

Domain

26-93aa

UniProt No.

P16619

NCBI Accession No.

NP_066286

Alternative Names

C-C motif chemokine ligand 3 like 1, G0/G1 switch regulatory protein 19-2, LD78-beta(1-70), PAT 464.2, Small-inducible cytokine A3-like 1, Tonsillar lymphocyte LD78 beta protein, D17S1718, SCYA3L, SCYA3L1, G0S19-2, LD78BETA, CCL3L3

PRODUCT SPECIFICATION

Molecular Weight

10 kDa (90aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

His-Tag

Application

SDS-PAGE

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

CCL3L1 is a small cytokine belonging to the CC chemokine. This protein is involved in immunoregulatory and inflammatory processes. It binds to several chemokine receptors including chemokine binding protein 2 (CCBP2

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or D6) and chemokine (C-C motif) receptor 5 (CCR5). Recombinant human CCL3L1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by conventional chromatography, after refolding of the isolated inclusion bodies in a renaturation buffer.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MSLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ KYVSDLELSA

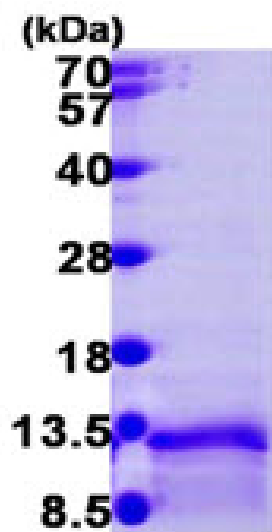
General References

Hirashima M, et al. (1992) DNA Seq. 3:203-12.

Miyakawa, et al. (2002) J. Biol. Chem. 277:4649-55.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)