



LD78-beta (CCL3L1), His Tag, human recombinant (rHuCCL3L1-His)

Catalog No: 97530
Lot No: XXXXX
Source: *E. coli*
Synonyms: C-C motif chemokine 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, CCL3L1, D17S1718, GOS19-2, SCYA3L1, LD78, 464.2, SCYA3L, LD78BETA, MGC12815

Background

CCL3L1 is a small cytokine that belongs to the CC chemokines. The CCL3L1 gene is one of several cytokine genes clustered on the q-arm of chromosome 17. CCL3L1 is involved in immunoregulatory and inflammatory processes. CCL3L1 binds to several chemokine receptors including CCBP2 and CCR5. CCR5 is a co-receptor for HIV, and binding of the CCL3L1 protein to CCR5 inhibits HIV entry.

Description

CCL3L1 human recombinant fused with a 22 amino acid His Tag at N-terminus produced in *E. coli* is a single, non-glycosylated, polypeptide chain containing 90 amino acids (26-93) and having a molecular mass of 10 kDa. CCL3L1 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The CCL3L1 solution (0.25 mg/ml) contains phosphate buffered saline pH 7.4 containing 10% glycerol.

Stability

CCL3L1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino Acid Sequence

MGSSHHHHHH SSSLVPRGSH MSLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ
KYVSDLELSA

Usage

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