

Recombinant Human CCL3L1 protein, His & GST-tagged

Cat. No. CCL3L1-597H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCL3L1 (P16619) aa. (Met1~Ala93) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Ala93
Description	This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this gene binds to several chemokine receptors, including chemokine binding protein 2 and chemokine (C-C motif) receptor 5 (CCR5). CCR5 is a co-receptor for HIV, and binding of this protein to CCR5 inhibits HIV entry. The copy number of this gene varies among individuals, where most individuals have one to six copies, and a minority of individuals have zero or more than six copies. There are conflicting reports about copy number variation of this gene and its correlation to disease susceptibility. This record represents one of two copies that are present on the ALT_REF_LOCI_2 alternate haplotype of the GRCh38 human reference genome assembly. Alternative splicing of this gene results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.6kDa

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Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	CCL3L1 C-C motif chemokine ligand 3 like 1 [Homo sapiens (human)]
Official Symbol	CCL3L1
Synonyms	CCL3L1; C-C motif chemokine ligand 3 like 1; LD78; 464.2; MIP1AP; SCYA3L; G0S19-2; SCYA3L1; D17S1718; LD78BETA; LD78-beta(1-70); C-C motif chemokine 3-like 1; G0/G1 switch regulatory protein 19-2; chemokine (C-C motif) ligand 3-like 1; small inducible cytokine A3-like 1; tonsillar lymphocyte LD78 beta protein

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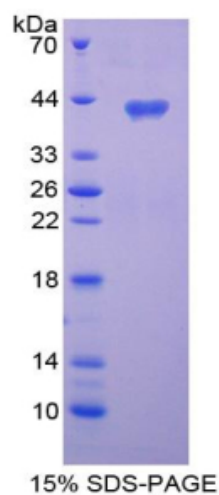
Gene ID 6349

mRNA Refseq NM_021006.5

Protein Refseq NP_066286.1

UniProt ID P16619

SDS-PAGE



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