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Datasheet for ABIN1096281

CCL3L1 Protein (AA 24-93) (His tag)

Overview

Quantity:	50 µg
Target:	CCL3L1
Protein Characteristics:	AA 24-93
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL3L1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 3-Like 1/CCL3L1 (C-6His)
Sequence:	APLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ KYVSDLEPSA VDHHHHHH
Characteristics:	Recombinant Human C-C Motif Chemokine 3-Like 1/CCL3L1 produced by transfected human cells is a secreted protein with sequence (Ala24-Ala93) of human CCL3L1 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CCL3L1
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Target Details

Alternative Name:	ccl3l1 (CCL3L1 Products)
Sub Type:	Fusionprotein
Background:	<p>C-C Motif Chemokine 3-Like 1 (CCL3L1) is a secreted protein that belongs to the intercrine beta (chemokine CC) family. CCL3L1 is a ligand for CCR1, CCR3 and CCR5. CCL3L1 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 processed form LD78-beta (3-70) shows a 20-fold to 30-fold higher chemotactic activity and is a very potent inhibitor of HIV-1-infection. The copy number of this gene varies among individuals: most individuals have 1-6 copies in the diploid genome, although rare individuals have zero or more than six copies. The human genome reference assembly contains two full copies of the gene (CCL3L3 and CCL3L1) and a partial pseudogene. This record represents the more centromeric full-length gene.</p> <p>Alternative Names: 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, G0S19-2, SCYA3L1, CCL3L3</p>
Molecular Weight:	8.82 kDa
UniProt:	P16619
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Handling

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 3 months