Datasheet for ABIN7455627

CCL3L1 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	CCL3L1
Origin:	Human
Source:	HEK-293 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 is produced by our Mammalian expression system and the target gene encoding Ala24-Ala93 is expressed with a 6His tag at the C-terminus.
Characteristics:	Extracellular Domain Protein
Purity:	Greater than 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CCL3L1
Alternative Name:	CCL3L1 (CCL3L1 Products)
Background:	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, CCL3L3C-C Motif Description: Chemokine 3-Like 1 (CCL3L1) is a secreted protein that belongs to the intercrine

Target Details

	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.
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
Buffer:	a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Storage:	-20 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. 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:	12 months