

Recombinant Human CCL3L3, His-tagged

Cat. No. CCL3L3-29221TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human LD78 beta with N terminal His tag; 90 amino acids with tag, Predicted MWt 10 kDa.
Species	Human
Source	E.coli
ProteinLength	68 amino acids
Description	This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein 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; 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.
Conjugation	HIS
Molecular Weight	10.000kDa inclusive of tags
Form	Liquid

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Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, PBS, pH 7.4
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMSLAADTPTACCFSYTSRQIPQNFADYFETSSQCS KPSVIFLTGRGRQVCADPSEEWVQKYVSDLELSA
Sequence Similarities	Belongs to the intercrine beta (chemokine CC) family.

GENE INFORMATION

Gene Name	CCL3L3 chemokine (C-C motif) ligand 3-like 3 [Homo sapiens]
Official Symbol	CCL3L3
Synonyms	CCL3L3; chemokine (C-C motif) ligand 3-like 3; C-C motif chemokine 3-like 1; MGC12815;
Gene ID	414062
mRNA Refseq	NM_001001437
Protein Refseq	NP_001001437
MIM	609468
Uniprot ID	P16619

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Chromosome Location	17q21.1
Pathway	Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem;
Function	chemokine activity;

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