

Product datasheet for **TP723265**

CCL3L3 (NM_001001437) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 3-like 3 (CCL3L3).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	APLAADTPTA CCFSYTSRQI PQNFIADYFE TSSQCSKPSV IFLTKRGRQV CADPSEEWVQ KYVSDLELSA
Tag:	Tag Free
Predicted MW:	7.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001001437
Locus ID:	414062
UniProt ID:	P16619
RefSeq Size:	780
Cytogenetics:	17q12
RefSeq ORF:	279
Synonyms:	464.2; D17S1718; G0S19-2; LD78; LD78BETA; SCYA3L; SCYA3L1



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Summary:

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.[provided by RefSeq, Apr 2014]

Protein Families:

Druggable Genome

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: