

Product datasheet for **TP723058**

CCL27 (NM_006664) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human chemokine (C-C motif) ligand 27 (CCL27).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	FLLPPSTACC TQLYRKPLSD KLLRKVIQVE LQEADGDCHL QAFVLHLAQR SICIHPQNPS LSQWFEHQER KLHGTLPKLN FGMLRKMG
Tag:	Tag Free
Predicted MW:	10.2 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 CXCR3 transfected cells using a concentration of 10.0-100.0 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_006655
Locus ID:	10850
UniProt ID:	Q9Y4X3 , Q5VZ77
RefSeq Size:	469
Cytogenetics:	9p13.3
RefSeq ORF:	336
Synonyms:	ALP; CTACK; CTAK; ESKINE; ILC; PESKY; SCYA27



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Summary:

This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene is chemotactic for skin-associated memory T lymphocytes. This cytokine may also play a role in mediating homing of lymphocytes to cutaneous sites. It specifically binds to chemokine receptor 10 (CCR10). Studies of a similar murine protein indicate that these protein-receptor interactions have a pivotal role in T cell-mediated skin inflammation. [provided by RefSeq, Sep 2014]

Protein Families:

Druggable Genome

Protein Pathways:

Chemokine signaling pathway, Cytokine-cytokine receptor interaction

Product images: