

## Product datasheet for **TP723808**

### 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 / CTACK)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Human CCL27, the region of Phe25-Gly112, from gene Accession# NM_006664.2
Tag:	Tag Free
Predicted MW:	10 kDa
Concentration:	lot specific
Purity:	>98%, as determined by Coomassie stained SDS-PAGE.
Buffer:	10 mM NaH <sub>2</sub> PO <sub>4</sub> , 0.15 M NaCl, pH 7.2
Bioactivity:	Bioactivity was measured by its property to chemoattract BaF3-hCCR10 transfectants in a dose dependent manner.
Endotoxin:	Less than 0.01 ng per µg protein as determined by the LAL method
Storage:	Store at -80°C.
Stability:	Unopened vial can be stored between 2°C and 8°C for up to 2 weeks, at -20°C for up to 6 months, or at -70°C or below until the expiration date. Aliquots can be stored between 2°C and 8°C for up to one week and stored at -20°C or colder for up to 3 months. Avoid repeated freeze/thaw cycles.
RefSeq:	<a href="#">NP_006655</a>
Locus ID:	10850
UniProt ID:	<a href="#">Q9Y4X3</a> , <a href="#">Q5VZ77</a>
RefSeq Size:	469
Cytogenetics:	9p13.3
RefSeq ORF:	336
Synonyms:	ALP; CTACK; CTAK; ESKINE; ILC; PESKY; SCYA27


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<b>Summary:</b>	<p>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]</p>
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Chemokine signaling pathway, Cytokine-cytokine receptor interaction