

## Recombinant Human Chemokine (C-C motif) Ligand 27

Cat. No. CCL27-76H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Chemokine (C-C motif) Ligand 27 was expressed in <i>E. Coli</i> .
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Human CTAC (Cuteaneous T-Cell Attracting Chemokine) is also known as Skinkine, Eskine and CCL27. CTAC is predominantly expressed in the skin and selectively attracts skin-associated memory T-lymphocytes. Recombinant Human CTAC is a 9.8 kDa protein containing 86 amino acid residues.
<b>Note</b>	If this material is not to be used for coating or labeling (or other applications requiring carrier free material), the addition of 0.1% BSA or HSA to dilution buffers or dilution in sterile culture media is recommended to enhance stability and minimize absorption to vial. Ideally, maintain stock >20ug/ml.
<b>Reactivity</b>	Determined by its ability to chemoattract CXCR3 transfected cells using a concentration of 10.0-100.0ng/ml.
<b>Purity</b>	>98% by SDS-Page analysis. Endotoxin level is less than 0.1ng per ug (1EU/ug) of protein.
<b>Reconstitution</b>	Lyophilized CTAC should be reconstituted in water to a concentration of 0.1-1mg/ml. Allow to set at least 30 minutes at 4°C, mix well. If desired, tighten cap and centrifuge for 1 minute at 1000rpm to concentrate material in vial. This solution can be diluted

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into other buffered solutions or stored at 4 °C for up to 1 week or at -20 °C for future use.

**Storage**

The lyophilized powder is stable at room temperature for a few weeks but it is best stored desiccated at -20°C. Reconstituted CTAC should be stored in working aliquots at -20 °C. AVOID FREQUENT FREEZE THAW CYCLES.

**Supplied**

Lyophilized powder with no additives.

## GENE INFORMATION

**Gene Name**

[chemokine \(C-C motif\) ligand 27 \[Homo sapiens\]](#)

**Synonyms**

chemokine (C-C motif) ligand 27; ALP; ILC; CTAK; CTACK; PESKY; ESKINE; SCYA27; CCL27; small inducible cytokine A27; skinkine; CC chemokine ILC; IL-11 Ralpha-locus chemokine; cutaneous T-cell attracting chemokine; small inducible cytokine subfamily A (Cys-Cys), member 27; skinkine; ESKine; IL-11 R-alpha-locus chemokine; Cutaneous T-cell-attracting chemokine; Small-inducible cytokine A27; Skinkine; OTTHUMP00000000533; OTTHUMP000000021297

**Gene ID**

[10850](#)

**mRNA Refseq**

[NM\\_006664](#)

**Protein Refseq**

[NP\\_006655](#)

**MIM**

[604833](#)

**UniProt ID**

[Q9Y4X3](#)

**Chromosome**

9p13

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**Location**

**Pathway**

Chemokine signaling pathway; Cytokine-cytokine receptor interaction; Signaling by GPCR

**Function**

chemokine activity

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