

Recombinant Human Chemokine (C-C motif) Ligand 27

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

SPECIFICATION

Product Overview	Recombinant Human Chemokine (C-C motif) Ligand 27 was expressed in <i>E. Coli</i> .
Species	Human
Source	E.coli
Description	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.
Note	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.
Reactivity	Determined by its ability to chemoattract CXCR3 transfected cells using a concentration of 10.0-100.0ng/ml.
Purity	>98% by SDS-Page analysis. Endotoxin level is less than 0.1ng per ug (1EU/ug) of protein.
Reconstitution	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; ESkin; 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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