

# Recombinant Human CCL27/CTACK Protein (Sumo Tag)

RPE8106



## Product Information

<b>Product SKU:</b> RPE8106	<b>Expression Host:</b> E.coli	<b>Size:</b> 20µg
<b>Tag:</b> N-Sumo	<b>Reactivity:</b> Human	<b>Accession:</b> Q9Y4X3

## Additional Information

<b>Calculated MW:</b> 22.6 kDa	<b>Observed MW:</b> 28 kDa
<b>Sequence:</b> Phe25-Gly112	

## Protein Information

**Background:** CCL27/CTACK, also known as CTACK, is a small cytokine belonging to the CC chemokine family. Members of this family are proteins characterized by two adjacent cysteines. CCL27/CTACK is chemotactic for skin-associated memory T lymphocytes. CCL27/CTACK may also play a role in mediating homing of lymphocytes to cutaneous sites. CCL27/CTACK plays a pivotal role in establishing the inflammatory infiltrate characteristic for common inflammatory skin diseases. Through binding to the chemokine receptor 1 (CCR1), CCL27/CTACK mediates inflammation by promoting lymphocyte migration into the skin.

**Synonyms:** CCL, SCYA, CCL27, ALP, CTACK, CTAK, ESKINE, ILC, PESKY, SCYA27, CC Chemokine ILC, C-C Motif Chemokine 27, Cutaneous T-Cell-Attracting Chemokine, IL-11 R-Alpha-Locus Chemokine, Skinkine, Small-Inducible Cytokine A27, Chemokine (C-C motif) ligand 27, Cutaneous T cell attracting chemokine, IL 11 R alpha locus chemokine, member 27, Small inducible cytokine A27, small inducible cytokine subfamily A (Cys-Cys)

**Endotoxin:** < 10 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

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**Storage:**

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.