

## Recombinant Human CCL27

Cat. No. CCL27-27824TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human CCL27; amino acids 25-112, 89 amino acids, MWt 10.3 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-112 a.a.
<b>Description</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.</p>
<b>Tissue specificity</b>	Testis, thymus, placenta, ovary and skin.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE

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<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 10mM Sodium citrate, pH 3.5
<b>Storage</b>	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MFLLPPSTAC CTQLYRKPLS DKLLRKVIQV ELQEADGDCH LQAFVLHLAQ RSICIHQPQP SLSQWFEHQE RKLHGTLPKL NFGMLRKMG
<b>Sequence Similarities</b>	Belongs to the intercrine beta (chemokine CC) family.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	CCL27 chemokine (C-C motif) ligand 27 [ Homo sapiens ]
<b>Official Symbol</b>	CCL27
<b>Synonyms</b>	CCL27; chemokine (C-C motif) ligand 27; SCYA27, small inducible cytokine subfamily A (Cys Cys), member 27; C-C motif chemokine 27; ALP; CC chemokine ILC; CTACK; CTAK; cutaneous T cell attracting chemokine; ESkin; IL 11 Ralpa locus chemokine; ILC; PESKY
<b>Gene ID</b>	10850
<b>mRNA Refseq</b>	NM_006664
<b>Protein Refseq</b>	NP_006655
<b>MIM</b>	604833

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<b>Uniprot ID</b>	Q9Y4X3
<b>Chromosome Location</b>	9p13
<b>Pathway</b>	Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem;
<b>Function</b>	chemokine activity;

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