

Recombinant Human CCL27

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

SPECIFICATION

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

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

GENE INFORMATION

Gene Name	CCL27 chemokine (C-C motif) ligand 27 [Homo sapiens]
Official Symbol	CCL27
Synonyms	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 Ralpha locus chemokine; ILC; PESKY
Gene ID	10850
mRNA Refseq	NM_006664
Protein Refseq	NP_006655
MIM	604833

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Uniprot ID	Q9Y4X3
Chromosome Location	9p13
Pathway	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;
Function	chemokine activity;

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