

CCL27 Protein, Human, Recombinant

General Information

Synonyms:	ILC;Small-Inducible Cytokine A27;IL-11 R-Alpha-Locus Chemokine;CCL27;C-C Motif Chemokine 27;IL-11 R- α -Locus Chemokine;Skinkine;CC Chemokine ILC;Eskine;Cutaneous T-Cell-Attracting Chemokine;SCYA27;CTACK
Protein Construction:	Phe25-Gly112
Species:	Human
Expression Host:	E. coli
Accession:	Q9Y4X3
Molecular Weight:	6-12 KDa (reducing condition)
AA Sequence:	Phe25-Gly112

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/ μ g (1 EU/ μ g) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing 20 mM PB, 100 mM Nacl, 6% Trehalose, 4% Mannitol, 0.05% Tween 80, pH7.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Human Chemokine (C-C Motif) Ligand 27 (CCL27) is a small cytokine that is a member of the CC chemokine family; it is expressed in numerous tissues, including gonads, thymus, placenta and skin. CCL27 elicits its chemotactic effects by binding to the chemokine receptor CCR10. Predominantly expressed in the skin, CCL27 is associated with

A DRUG SCREENING EXPERT

T cell-mediated inflammation of the skin. Human and Mouse CCL27 share 84% sequence identity in the mature form.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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