

## CCL27 Protein, Mouse, Recombinant

## General Information

Synonyms:	Ilc;CC chemokine ILC;IL-11 R-alpha-locus chemokine (ALP;mILC);Small-inducible cytokine A27;Cutaneous T-cell-attracting chemokine (CTACK);Scya27;Skinkine;Ccl27;C-C motif chemokine 27;ESkine
Protein Construction:	26-120 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	Q9Z1X0
Molecular Weight:	10.9 kDa (Predicted)
AA Sequence:	LPLPSSTSCCTQLYRQPLPSRLLRRIVHMEHQEADGDCHLQAVVLHLARRSVCVHPQNRSLARWLERQ GKRL QGTVPSLNLVLQKKMYSNPQQN

## QC Testing

Biological Activity:	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood lymphocytes is in a concentration range of 10-100 ng/ml.
Purity:	>98% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 μm filtered concentrated solution in 2 × PBS, pH 7.4, with 5% trehalose.

## Preparation and Storage

## Reconstitution:

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

## Stability &amp; 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.

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