

# Recombinant Human CCL27 Protein

Catalog Number:PKSH032195



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

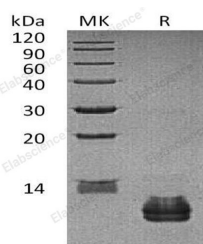
## Description

|                                    |   |
|------------------------------------|---|
| <b>Synonyms</b>                    | C-C Motif Chemokine 27;CC Chemokine ILC;Cutaneous T-Cell-Attracting Chemokine;CTACK;Eskine;IL-11 R-Alpha-Locus Chemokine;Skinkine;Small-Inducible Cytokine A27;CCL27;ILC;SCYA27 |
| <b>Species</b>                     | Human   |
| <b>Expression Host</b>             | E.coli  |
| <b>Sequence</b>                    | Phe25-Gly112  |
| <b>Accession</b>                   | Q9Y4X3  |
| <b>Calculated Molecular Weight</b> | 10.1 kDa  |
| <b>Observed molecular weight</b>   | 6-12 kDa  |
| <b>Tag</b>                         | None  |

## Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.  |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.   |
| <b>Storage</b>        | 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.                         |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution of 20mM PB, 100mM NaCl, 6% Trehalose, 4% Mannitol, 0.05% Tween80, pH7.0.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the speci |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.  |

## Data



> 95 % as determined by reducing SDS-PAGE.

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

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Fax: 1-832-243-6017