



Recombinant Protein Technical Manual

Recombinant Human CCL27 Protein

RPES4864

Product Data:

Product SKU: RPES4864

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q9Y4X3

Protein Information:

Molecular Mass: 10.1 kDa

AP Molecular Mass: 14 kDa

Tag:

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 500mM NaCl, pH 7.5.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: C-C Motif Chemokine 27; CC Chemokine ILC; Cutaneous T-Cell-Attracting Chemokine; CTACK; Eskine; IL1 R-Alpha-Locus Chemokine; Skinkine; Small-Inducible Cytokine A27; CCL27; ILC; SCYA27

Immunogen Information:

Sequence: Phe25-Gly112

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.