

Recombinant human CCL27/CTACK protein

Catalog Number: ATGP0520

PRODUCT INFORMATION

Expression system

E.coli

Domain

25-112aa

UniProt No.

Q9Y4X3

NCBI Accession No.

NP_006655.1

Alternative Names

C-C motif chemokine ligand 27, CC chemokine ILC, Cutaneous T-cell-attracting chemokine, CTACK, Eskine, IL-11 R-alpha-locus chemokine, Skinkine, Small-inducible cytokine A27, SCYA27, ALP, ILC, ESKY, CTAK

PRODUCT SPECIFICATION

Molecular Weight

10.2 kDa (89aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 10mM Sodium Citrate buffer (pH 3.5) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

Tag

Non-Tagged

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

Cutaneous T cell-attracting chemokine CCL27 is a member of the chemokine superfamily and the subfamily of beta r C-C chemokines that binds chemokine receptor CCR10. Chemokines are a superfamily of small secreted proteins that attract their targets by interacting with G protein-coupled receptors expressed on the migrating

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cell. CCL27 is involved in the preferential migration and recruitment of cutaneous lymphocyte-associated antigen CLA+ memory lymphocytes. Recombinant human CCL27 protein was expressed in *E. coli* and purified by using conventional chromatography techniques.

Amino acid Sequence

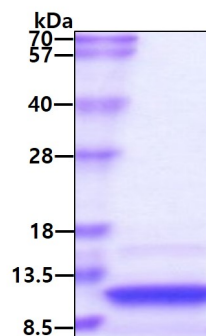
MFLLPSTAC CTQLYRKPLS DKLLRKVIQV ELQEADGDCH LQAFVLHLAQ RSICIHQPQP SLSQWFEHQE RKLHGTLPKL
NFGMLRKMG

General References

Homey B., et al. (2002) *Nat Med.* 8(2):157-65.
Kanda N., et al. (2007) *Clin Exp Allergy.* 37(7):1074-82.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.