

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

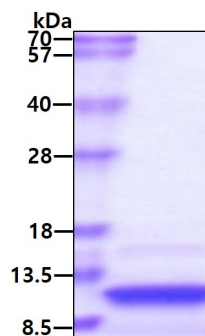
MFLPPSTAC CTQLYRKPLS DKLLRKVIQV ELQEADGDCH LQAFVLHLAQ RSICHPQNP SLSQWFEHQE RKLHGTLPKL
NFGMLRKMG

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



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