

Recombinant Mouse CCL27 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52011

Size: 10ug, 100ug

Protein Name: C-C motif chemokine 27 (CC chemokine ILC) (Cutaneous T-cell-attracting chemokine) (CTACK) (ESKine) (IL-11 R-alpha-locus chemokine) (ALP) (mILC) (Skinkine) (Small-inducible cytokine A27)

Synonym: Ccl27, Ilc, Scya27

UniProt ID: Q9Z1X0

UniProt Link: www.uniprot.org/uniprotkb/Q9Z1X0/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 120 AA

Molecular Weight: 13 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MMEGLSPASSLPLLLLLLSPAPEAALPLPSSTSCCTQLYRQPLPSRLLRRIVHMEHQEADGDCHLQA
VVLHLARRSVCVHPQNRSLARWLERQGKRLQGTVPSTNLVLQKKMYSHPPQQN

3. Buffer Composition

Liquid format: PBS-based buffer containing 50% glycerol. Glycerol concentration can be customized upon customer request; please state special requirements when placing your order.

Lyophilized format: Buffer before lyophilization is PBS supplemented with 6% trehalose.

4. Storage Conditions

Upon receipt, store the product at -20 °C or -80 °C. Aliquot the product for on-demand use to preserve protein activity and prevent denaturation and inactivation caused by repeated freeze-thaw cycles.

5. Product Description

This product is recombinant C-C motif chemokine 27 (CC chemokine ILC) (Cutaneous T-cell-attracting chemokine) (CTACK) (ESkine) (IL-11 R-alpha-locus chemokine) (ALP) (mILC) (Skinkine) (Small-inducible cytokine A27) produced using the HEK293T eukaryotic cell expression system. It is suitable for in-vitro functional assays, protein-protein interaction studies, antibody preparation and other biomedical research applications.

Protein Function: Chemotactic factor that attracts skin-associated memory T-lymphocytes. May play a role in mediating homing of lymphocytes to cutaneous sites. May play a role in cell migration during embryogenesis. Nuclear forms may facilitate cellular migration by inducing cytoskeletal relaxation. Binds to CCR10.

Subcellular Localization: [Isoform 1]: Secreted . Nucleus . Note=May also be nuclear when following receptor (CCR10)-mediated internalization.; [Isoform 2]: Nucleus .

6. Notes

- Avoid repeated freeze-thaw cycles to maintain protein stability and biological activity.
- Please specify special buffer-composition requirements at the time of order placement.
- For research use only. Not intended for clinical diagnosis, therapeutic use or commercial manufacturing.