

Recombinant Mouse CCL24 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51930

Size: 10ug, 100ug

Protein Name: C-C motif chemokine 24 (Eosinophil chemotactic protein 2) (Eotaxin-2)
(Small-inducible cytokine A24)

Synonym: Ccl24, Scya24

UniProt ID: Q9JKC0

UniProt Link: www.uniprot.org/uniprotkb/Q9JKC0/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 119 AA

Molecular Weight: 13 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MAGSATIVAGLLLLLVACACCIFPIDSVTIPSSCCTSFISKKIPENRVVSYQLANGSICPKAGVIFITKKGH
KICTDPKLLWVQRHIQKLDKKNQPSKGAKAVRTKFAVQRRRGNSTEV

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 24 (Eosinophil chemotactic protein 2) (Eotaxin-2) (Small-inducible cytokine A24) 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 for resting T-lymphocytes, and eosinophils (PubMed:15647285). Has lower chemotactic activity for neutrophils but none for monocytes and activated lymphocytes. Is a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line. Binds to CCR3 (By similarity).

Subcellular Localization: Secreted .

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.