

Recombinant Human CCL24 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50132

Size: 10ug, 100ug

Protein Name: C-C motif chemokine 24 (CK-beta-6) (Eosinophil chemotactic protein 2) (Eotaxin-2) (Myeloid progenitor inhibitory factor 2) (MPIF-2) (Small-inducible cytokine A24)

Synonym: CCL24, MPIF2, SCYA24

UniProt ID: O00175

UniProt Link: www.uniprot.org/uniprotkb/O00175/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 119 AA

Molecular Weight: 13 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MAGLMTIVTSLLFLGVCAHHIIPTGSVVIPSPCCMFFVSKRIPENRVVSYQLSSRSTCLKAGVIFTTKK
GQQFCGDPKQEWVQRYMKNLDAKQKKASPRARAVAVKGPVQRYPGNQTTTC

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 (CK-beta-6) (Eosinophil chemotactic protein 2) (Eotaxin-2) (Myeloid progenitor inhibitory factor 2) (MPIF-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:9104803, PubMed:9365122). Has lower chemotactic activity for neutrophils but none for monocytes and activated lymphocytes (PubMed:9104803, PubMed:9365122). Is a strong suppressor of colony formation by a multipotential hematopoietic progenitor cell line (PubMed:9104803, PubMed:9365122). Binds to CCR3 (PubMed:9104803, PubMed:9365122).

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.