

Recombinant Human CCL26 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50134

Size: 10ug, 100ug

Protein Name: C-C motif chemokine 26 (CC chemokine IMAC) (Eotaxin-3) (Macrophage inflammatory protein 4-alpha) (MIP-4-alpha) (Small-inducible cytokine A26) (Thymic stroma chemokine-1) (TSC-1)

Synonym: CCL26, SCYA26, UNQ216/PRO242

UniProt ID: Q9Y258

UniProt Link: www.uniprot.org/uniprotkb/Q9Y258/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 94 AA

Molecular Weight: 11 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MMGLSLASAVLLASLLSLHLGTATRGSDISKTCFQYSHKPLPWTWVRSYEFTSNSCSQRAVIFTTK
RGKKVCTHPRKKWVQKYISLLKTPKQL

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 26 (CC chemokine IMAC) (Eotaxin-3) (Macrophage inflammatory protein 4- α) (MIP-4- α) (Small-inducible cytokine A26) (Thymic stroma chemokine-1) (TSC-1) 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: Chemoattractant for eosinophils and basophils (PubMed:10415065, PubMed:10488147). Acts as a ligand for C-C chemokine receptor CCR3 which triggers Ca(2+) mobilization in eosinophils (PubMed:10415065, PubMed:10488147, PubMed:11425309). Also acts as a ligand for CX3C chemokine receptor CX3CR1, inducing cell chemotaxis (PubMed:20974991).

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.