

Recombinant Human PF4V Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50780

Size: 10ug, 100ug

Protein Name: Platelet factor 4 variant (C-X-C motif chemokine 4 variant) (CXCL4L1) (PF4alt) (PF4var1) [Cleaved into: Platelet factor 4 variant(4-74); Platelet factor 4 variant(5-74); Platelet factor 4 variant(6-74)]

Synonym: PF4V1, CXCL4V1, SCYB4V1

UniProt ID: P10720

UniProt Link: www.uniprot.org/uniprotkb/P10720/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 104 AA

Molecular Weight: 12 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MSSAARSRLTRATRQEMLFLALLLLPVVVAFAFAEAEEDGDLQCLCVKTTTSQVRPRHITSLEVIKAGP
HCPTAQLIATLKNRGRKICLDLQALLYKKIIKEHLES

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 Platelet factor 4 variant (C-X-C motif chemokine 4 variant) (CXCL4L1) (PF4alt) (PF4var1) [Cleaved into: Platelet factor 4 variant(4-74); Platelet factor 4 variant(5-74); Platelet factor 4 variant(6-74)] 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: Inhibitor of angiogenesis. Inhibitor of endothelial cell chemotaxis (in vitro).

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.