

Recombinant Human IL17D Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP50497

Size: 10ug, 100ug

Protein Name: Interleukin-17D (IL-17D) (Interleukin-27) (IL-27)

Synonym: IL17D, UNQ3096/PRO21175

UniProt ID: Q8TAD2

UniProt Link: www.uniprot.org/uniprotkb/Q8TAD2/entry

Species Source: Human

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 202 AA

Molecular Weight: 22 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MLVAGFLLALPPSWAAGAPRAGRPARPRGCAADRPEELLEQLYGRLLAAGVLSAFHHTLQLGPREQ
ARNASCPAGGRPADDRFRPPTNLRSVSPWAYRISYDPARYPRYLPEAYCLCRGCLTGLFGCEEDVRF
RSAPVYMPTVVLRRTPACAGGRSVYTEAYVTIPVGCTCVPEPEKDDADSINSSIDKQGAKLLLGPNDAPAGP

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 Interleukin-17D (IL-17D) (Interleukin-27) (IL-27) 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: Induces expression of IL6, CXCL8/IL8, and CSF2/GM-CSF from endothelial cells.

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.