

Recombinant Rat TRI44 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52665

Size: 10ug, 100ug

Protein Name: Tripartite motif-containing protein 44 (Protein DIPB)

Synonym: Trim44, Dipb

UniProt ID: Q6QA27

UniProt Link: www.uniprot.org/uniprotkb/Q6QA27/entry

Species Source: Rat

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 344 AA

Molecular Weight: 38 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MASGVGAACEELPPDGTCDCEPDEAPGAEEVCRDCGFCYCRRHADAHRQKFLSHRLAAYVHGA
QAWTPPASGDDALPEDVEAKGEAEGEVESEVGESESESEVDSSESESESESETEEDSEDESDEESEED
SEEMEDEQESEAEDNQEGESEAEGETEAESEFDP EIEMEAERVAKRKCPDHGLDLSTYQCQEDR
QLICVLCPVIGAHRGHQLSTLDEAFEELRSKDSGGLKAAMI ELVERLKFKSSDPKVTRDQMKVFIQQE
FKKVQKVIAD EEQKALHLVDIQEAMATAHVTEILADIQSHMDRLMTQMAQAKEQLDTSNESAEPKAE
GDEEGPSGASEEEDT

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 Tripartite motif-containing protein 44 (Protein DIPB) 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: May play a role in the process of differentiation and maturation of neuronal cells (By similarity). May regulate the activity of TRIM17 (By similarity). Is a negative regulator of PAX6 expression (By similarity).

Subcellular Localization: N/A

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.