

Recombinant Mouse TNR19 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP51939

Size: 10ug, 100ug

Protein Name: Tumor necrosis factor receptor superfamily member 19 (TRADE) (Toxicity and JNK inducer)

Synonym: Tnfrsf19, Taj, Troy

UniProt ID: Q9JLL3

UniProt Link: www.uniprot.org/uniprotkb/Q9JLL3/entry

Species Source: Mouse

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 416 AA

Molecular Weight: 45 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MALKVLPLHRTVLFAAILFLLHLACKVSCETGDCRQQEFKDRSGNCVLCKQCGPGMELSKECGFGY
GEDAQCVPCRPHRFKEDWGFQKCKPCADCALVNRFRANCSTSDAVCGDCLPGFYRKTKLVGF
QDMECVPCGDPPPPYEPHCTSKVNLVKISSTVSSPRDTALAAVICSALATVLLALLILCVIYCKRQFME
KKPSWSLRSQDIQYNGSELSCFDQPRLRHCAHRACCQYHRDSAPMYGPVHLIPSLCCEEARSSAR
AVLGCGLRSPPTTLQERNPASVGDTMPAFFGSVRSICAEFSDAWPLMQNPLGGDSSLCDSYPELTG
EDTNSLNPENESAASLDSSGGQDLAGTAALESSGNVSESTDSPRHGDTGTVWEQTLAQDAQRTPS
QGGWEDRENLNLMPTAFQDA

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 Tumor necrosis factor receptor superfamily member 19 (TRADE) (Toxicity and JNK inducer) 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: Can mediate activation of c-Jun and NF-kappa-B. May promote caspase-independent cell death (By similarity). Isoform 2 and isoform 3 may act as decoy receptors.

Subcellular Localization: [Isoform 1]: Cell membrane ; Single-pass type I membrane protein . ; [Isoform 3]: Cell membrane ; Single-pass type I membrane protein . ; [Isoform 4]: Cell membrane ; Single-pass type I membrane protein . ; [Isoform 2]: 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.