

Recombinant Rat TNR4 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52282

Size: 10ug, 100ug

Protein Name: Tumor necrosis factor receptor superfamily member 4 (MRC OX40) (OX40 antigen) (OX40L receptor) (CD antigen CD134)

Synonym: Tnfrsf4, Ox40, Txgp1l

UniProt ID: P15725

UniProt Link: www.uniprot.org/uniprotkb/P15725/entry

Species Source: Rat

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 271 AA

Molecular Weight: 30 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MYVWVQQPTAFLLLGLSLGVTVKLNCKVDKTPSGHKCCRECQPGHGMVSRCDHTRDTVCHPCEP
GFYNEAVNYDTCKQCTQCNHRSGSELKQNCTPTEDTVCQCRPGTQPRQDSSHKLGVDCVPCPPG
HFSPGSNQACKPWTNCTLSGKQIRHPASNSLDTVCEDRSLLATLLWETQRTTFRPTTVPSTTVWPR
TSQLPSTPTLVAPGPAFAVILGLGLGLLAPLTVLLALYLLRKAWRSPNTPKPCWGNSFRTPIQEEQT
DTHFTLAKI

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 4 (MRC OX40) (OX40 antigen) (OX40L receptor) (CD antigen CD134) 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: Receptor for TNFSF4/OX40L/GP34. Is a costimulatory molecule implicated in long-term T-cell immunity (By similarity).

Subcellular Localization: Membrane; Single-pass type I membrane protein.

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.