

Recombinant Rat TNFL4 Protein

For Research Use Only

1. Basic Product Information

Catalog No.: REP52618

Size: 10ug, 100ug

Protein Name: Tumor necrosis factor ligand superfamily member 4 (OX40 ligand) (OX40L)
(CD antigen CD252)

Synonym: Tnfsf4, Ox40l, Txgp1

UniProt ID: Q9Z2P3

UniProt Link: www.uniprot.org/uniprotkb/Q9Z2P3/entry

Species Source: Rat

Expression System: HEK293T eukaryotic cell expression system Sequence

Length: 199 AA

Molecular Weight: 22 KD

Protein Tag: C-terminal His6

2. Amino Acid Sequence

MEGEGVQPPDENLENGSRPRFKWKKVLRLLVVGSIKAAGLLLCVVYVCLQFSSSPAKDSPIQRLRAP
VTGCEGGRLFIGTSKNEYETMEVQNNNSVIINCDGLYLIHLKGSFFQEVKINLHFRKDRSPIFVPMNLNG
QRVVFTVVTSLAFKDEVYLTVNASDTLCEHLQINDGELIIVQLTPNGYCAPERPYSSTVNQVPL

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 ligand superfamily member 4 (OX40 ligand) (OX40L) (CD antigen CD252) 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: Cytokine that binds to TNFRSF4. Co-stimulates T-cell proliferation and cytokine production (By similarity).

Subcellular Localization: Membrane; Single-pass type II 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.