

Recombinant Human TNFSF12 Protein Product Manual

1. Product Basic Information

Product No.: REP08506

Protein Name: Apo3 Ligand (TNFSF12)

Aliases: APO3L; DR3LG; TNF12; TWEAK; TNLG4A; APO3 ligand; APO3/DR3 ligand; TNF superfamily member 12; tumor necrosis factor ligand 4A; TNF-related WEAK inducer of apoptosis; tumor necrosis factor superfamily m...

UniProt ID: O43508

UniProt Link: <https://www.uniprot.org/uniprotkb/O43508/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Extracellular Domain (43-249aa)

Molecular Weight: 38.9 kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (43-249aa)

SLGSRASLSAQEPAQEELVAEEDQDPSELNPQTEESQDPAPFLNRLVRRRSAPK
GRKTRARRAIAAHYEVHPRPGQDGAQAGVDGTVSGWEEARINSSSPLRYNRQIGE
FIVTRAGLYLYLCQVHFDEGKAVYLLKDLLVDGVLALRCLEEFSAATAASSLGPQLRL
CQVSGLLALRPGSSLRIRTLPW AHLKAAPFLTYFGLFQVH

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human TNFSF12 extracellular domain protein (43-249aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. TNFSF12, also known as APO3L or DR3LG or TNF12, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.