

Recombinant Human TNFSF11 Protein Product Manual

1. Product Basic Information

Product No.: REP08505

Protein Name: Osteoprotegerin Ligand (TNFSF11)

Aliases: ODF; OPGL; sOdf; CD254; OPTB2; RANKL; TNLG6B; TRANCE; hRANKL2; osteoprotegerin ligand; TNF superfamily member 11; tumor necrosis factor ligand 6B; osteoclast differentiation factor; TNF-related activa...

UniProt ID: O14788

UniProt Link: <https://www.uniprot.org/uniprotkb/O14788/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Partial of Isoform2 (63-244aa & linker(NKLLVPRGSPGSGYIPEAPRDGQAYVRKDGEWVLLSTFLG))

Molecular Weight: 27.5 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (63-244aa & linker(NKLLVPRGSPGSGYIPEAPRDGQAYVRKDGEWVLLSTFLG))

GSQHIRAEKAMVDGSWLDLAKRSKLEAQPFAHLTINATDIPSGSHKVSLSWYHDR
GWAKISNMTFSNGKLIVNQDGFYLYANICFRHHETSGDLATEYLQLMVYVTKTSIKI
PSSHTLMKGGSTKYWSGNSEFHFYSINVGFFKLRSGEEISIEVSNPSLLDPDQDAT
YFGAFKVRDIDNKLLVPRGSPGSGYIPEAPRDGQAYVRKDGEWVLLSTFLG

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 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 TNFSF11 partial of isoform2 protein (63-244aa & linker(NKLLVPRGSPGSGYIPEAPRDGQAYVRKDGEWLLSTFLG)) expressed in Mammalian cell. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. TNFSF11, also known as ODF or OPGL or sOdf, 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.