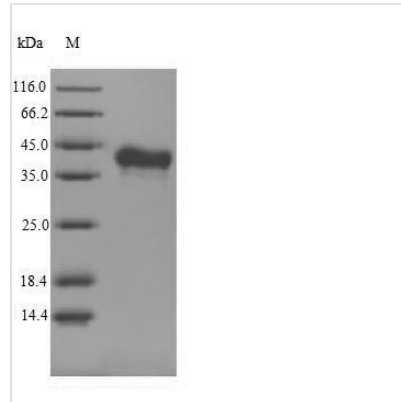




Recombinant Mouse Tumor necrosis factor ligand superfamily member 11 (Tnfsf11), partial

Product Code	CSB-EP023986MO
Relevance	Cytokine that binds to TNFRSF11B/OPG and to TNFRSF11A/RANK. Osteoclast differentiation and activation factor. Augments the ability of dendritic cells to stimulate naive T-cell proliferation. May be an important regulator of interactions between T-cells and dendritic cells and may play a role in the regulation of the T-cell-dependent immune response. May also play an important role in enhanced bone-resorption in humoral hypercalcemia of malignancy.
Abbreviation	Recombinant Mouse Tnfsf11 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O35235
Alias	Osteoclast differentiation factor Short name:ODF Osteoprotegerin ligand Short name:OPGL Receptor activator of nuclear factor kappa-B ligand Short name:RANKL TNF-related activation-induced cytokine Short name:TRANCE CD_antigen: CD254
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	YFRAQMDPNRISEDSTHCFYRILRLHENADLQDSTLESEDTLPDSCRRMKQAF QGAVQKELQHIVGPRFSGAPAMMEGSWLDVAQRGKPEAQPFALHTINAASI PSGSHKVTLSSWYHDRGWAKISNMTLSNGKLRVNQDGFYYLYANICFRHHET SGSVPTDYLQLMVYVVKTSIKIPSSHNLKGGSTKNWSGNSEFHFYSINVGGF FKLRAGEEISIQVSNPSSLDPDQDATYFGAFKVQDID
Research Area	Others
Source	E.coli
Target Names	Tnfsf11
Expression Region	70-316aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	43.9kDa
Protein Length	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.