

Recombinant Mouse TNFSF11 protein, His-tagged

Cat. No. TNFSF11-1696M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFSF11 protein(AAC40113.1)(Tyr70-Asp316), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	C-His
ProteinLength	Tyr70-Asp316
Tag	C-His
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Mouse RANKL, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Mouse TNFRSF11A, hFc Tag with the EC50 of 8.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 28.97 kDa. Due to glycosylation, the protein migrates to 30-40 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Tnfsf11 tumor necrosis factor \(ligand\) superfamily, member 11 \[Mus musculus \]](#)

Official Symbol [TNFSF11](#)

Synonyms

TNFSF11; tumor necrosis factor (ligand) superfamily, member 11; tumor necrosis factor ligand superfamily member 11; OPG ligand; osteoprotegerin ligand; osteoclast differentiation factor; receptor activator of NF-kappaB ligand; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand; receptor activator of nuclear factor kappa-B ligand; tumor necrosis factor-related activation-induced cytokine; ODF; OPG; OPGL; RANKL; Ly109l; Trance;

Gene ID [21943](#)

mRNA Refseq [NM_011613](#)

Protein Refseq [NP_035743](#)

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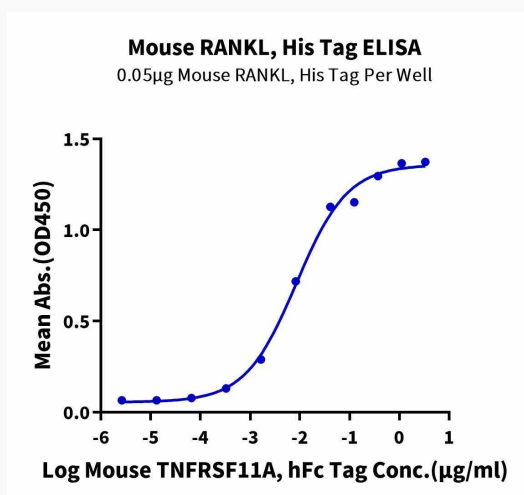
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Tris-Bis PAGE



ELISA



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