

## Recombinant Mouse TNFSF11 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse TNFSF11 protein(AAC40113.1)(Tyr70-Asp316), fused with C-terminal His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	C-His
<b>ProteinLength</b>	Tyr70-Asp316
<b>Tag</b>	C-His
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
<b>Storage</b>	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; Ly109I; Trance;

**Gene ID**

21943

**mRNA Refseq**


NM\_011613

**Protein Refseq**

NP\_035743

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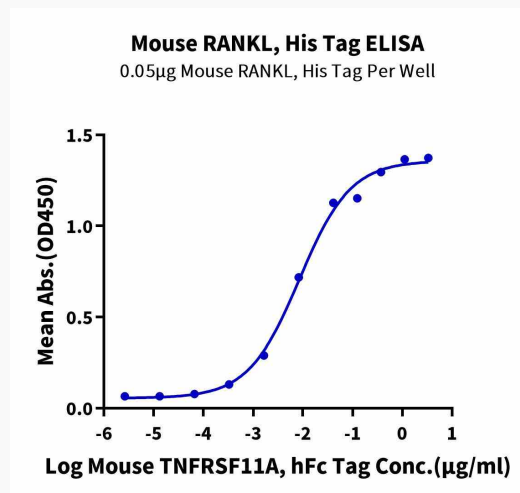
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**Tris-Bis PAGE**




**ELISA**



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