

## Recombinant Human TNFSF11 protein

Cat. No. TNFSF11-6743H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF11 protein(O14788-2)(Gly63-Asp244) was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly63-Asp244
<b>Tag</b>	Non
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Immobilized Human RANKL, No Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human TNFRSF11A, hFc Tag with the EC50 of 13.6ng/ml determined by ELISA (QC Test).
<b>Molecular Mass</b>	The protein has a predicted MW of 20.5 kDa. Due to glycosylation, the protein migrates to 30-60 kDa based on Tris-Bis PAGE resu
<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 [ Homo sapiens ]

**Official Symbol**

TNFSF11

**Synonyms**

TNFSF11; tumor necrosis factor (ligand) superfamily, member 11; tumor necrosis factor ligand superfamily member 11; CD254; ODF; OPGL; RANKL; TRANCE; osteoprotegerin ligand; osteoclast differentiation factor; TNF-related activation-induced cytokine; receptor activator of nuclear factor kappa B ligand; receptor activator of nuclear factor kappa-B ligand; sOdf; OPTB2; hRANKL2;

**Gene ID**

8600

**mRNA Refseq**

NM\_003701

**Protein Refseq**

NP\_003692

**MIM**

602642

**UniProt ID**

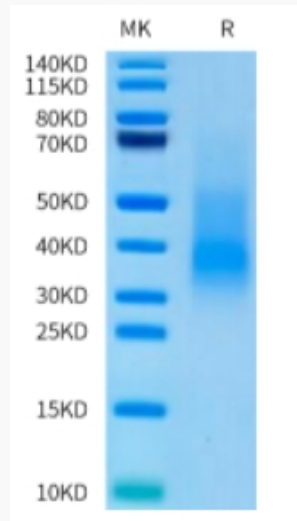
O14788

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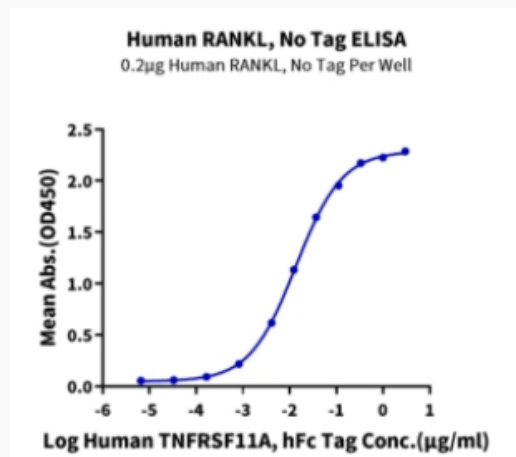
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**Tris-Bis PAGE**



**ELISA Data**



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