

Active Recombinant Human TNFSF11 protein

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

SPECIFICATION

Product Overview	Active Recombinant Human TNFSF11 protein(O14788-2)(Gly63-Asp244) is expressed from HEK293 without tag.
Species	Human
Source	HEK293
ProteinLength	63-244 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human RANKL, No Tag at 2 µg/ml (100 µl/well) on the plate. Dose response curve for Human TNFRSF11A, hFc Tag with the EC50 of 13.6 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 20.5 kDa. Due to glycosylation, the protein migrates to 30-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

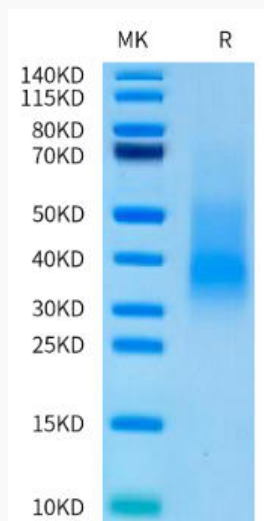
UniProt ID [O14788](#)

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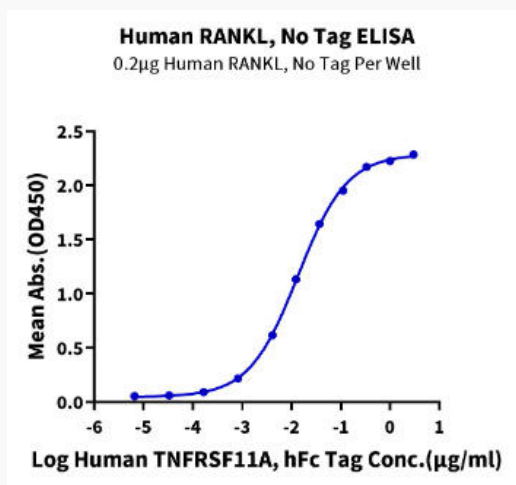
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Bis-Tris PAGE



ELISA Data



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