

Recombinant Human TNFSF11 protein, His-Flag-tagged

Cat. No. TNFSF11-6124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF11 protein(O14788-2)(Gly63-Asp244), fused with N-terminal His-Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly63-Asp244
Tag	N-His-Flag
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human RANKL, His Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Human TNFRSF11A, hFc Tag with the EC50 of 17.4ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 22.6 kDa. Due to glycosylation, the protein migrates to 35-60 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

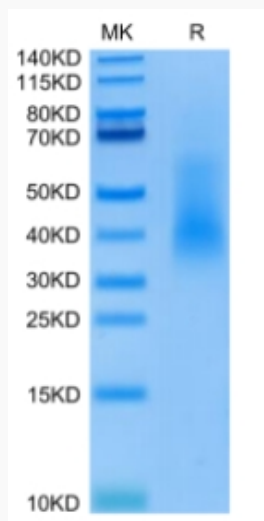
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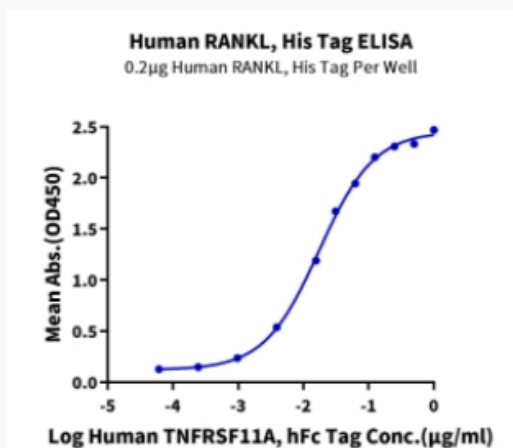
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

Tris-Bis PAGE



ELISA Data



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