

Active Recombinant Human TNFSF11 protein, His-Avi-tagged, Biotinylated

Cat. No. TNFSF11-0756H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TNFSF11 protein(Gly64-Asp245), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	64-245 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human RANK Protein, Mouse IgG2a Fc Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human TNFSF11 Protein, His,Avitag with a linear range of 0.1-3 ng/mL. Immobilized Human Osteoprotegerin, Fc Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human TNFSF11 Protein, His,Avitag with a linear range of 0.1-3 ng/mL. Immobilized Anti-TNFSF11 Antibody, Human IgG1 Kappa at 1 µg/mL (100 µL/well) can bind Biotinylated Human TNFSF11 Protein, His,Avitag with a linear range of 0.1-3 ng/mL.
Molecular Mass	Molecular CharacterizationThis protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag)The protein has a calculated MW of 24.1 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

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Proteinlength	Gly64-Asp245
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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.
Conjugation	Biotin

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

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MIM 602642

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