

Active Recombinant Human TNFRSF11A protein, mFc-tagged

Cat. No. TNFRSF11A-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF11A protein(Ile 30 - Pro 212), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile 30 - Pro 212
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human TNFSF11, His Tag at 2 µg/mL (100 µL/well) can bind Human RANK Protein, Mouse IgG2a Fc Tag with a linear range of 0.4-13 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminusThe protein has a calculated MW of 47.2 kDa. The protein migrates as 50-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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

TNFRSF11A tumor necrosis factor receptor superfamily, member 11a, NFKB activator [Homo sapiens]

Official Symbol

TNFRSF11A

Synonyms

TNFRSF11A; tumor necrosis factor receptor superfamily, member 11a, NFKB activator; tumor necrosis factor receptor superfamily, member 11a, activator of NFKB; tumor necrosis factor receptor superfamily member 11A; CD265; RANK; receptor activator of NF-KB; osteoclast differentiation factor receptor; receptor activator of nuclear factor-kappa B; loss of heterozygosity, 18, chromosomal region 1; FEO; OFE; ODFR; OST5; PDB2; OPTB7; TRANCER; LOH18CR1;

Gene ID

8792

mRNA Refseq

NM_003839

Protein Refseq

NP_003830

MIM

603499

UniProt ID

Q9Y6Q6

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