

Recombinant Human TNFRSF11A Protein, His-tagged

Cat. No. TNFRSF11A-184H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF11A(Val330~Lys615) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val330~Lys615
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptors can interact with various TRAF family proteins, through which this receptor induces the activation of NF-kappa B and MAPK8/JNK. This receptor and its ligand are important regulators of the interaction between T cells and dendritic cells. This receptor is also an essential mediator for osteoclast and lymph node development. Mutations at this locus have been associated with familial expansile osteolysis, autosomal recessive osteopetrosis, and Paget disease of bone. Alternatively spliced transcript variants have been described for this locus.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	33.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
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

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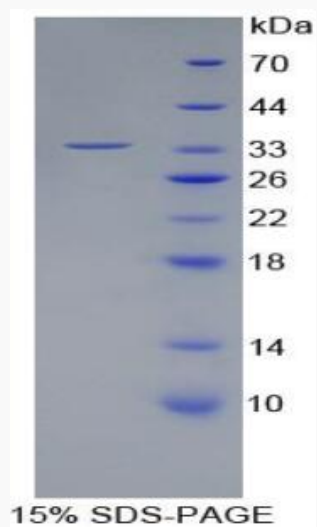
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Protein Refseq NP_003830

MIM 603499

UniProt ID Q9Y6Q6



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