

## Recombinant Human TNFRSF11A, His-tagged

**Cat. No.** TNFRSF11A-401H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the human TNFRSF11A (NP_001257879.1) (Met1-Pro212) was expressed with a polyhistidine tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	Met1-Pro212
<b>Form</b>	Lyophilized from sterile PBS, pH7.4.
<b>Molecular Mass</b>	The recombinant human TNFRSF11A consists of 194 amino acids and predicts a molecular mass of 21.5 KDa. It migrates as an approximately 30.1 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C
<b>Storage</b>	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Hardcopy of COA with reconstitution instruction is sent along with the products.

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## GENE INFORMATION

<b>Gene Name</b>	TNFRSF11A tumor necrosis factor receptor superfamily, member 11a, NFkB activator [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF11A
<b>Synonyms</b>	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;
<b>Gene ID</b>	8792
<b>mRNA Refseq</b>	NM_003839
<b>Protein Refseq</b>	NP_003830
<b>MIM</b>	603499
<b>UniProt ID</b>	Q9Y6Q6
<b>Chromosome Location</b>	18q22.1
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Osteoclast Signaling, organism-specific biosystem; Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem; Rheumatoid arthritis, organism-

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specific biosystem; Rheumatoid arthritis, conserved biosystem;

**Function**

cytokine binding; metal ion binding; protein binding; receptor activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity;

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