Recombinant Human TNFRSF11A, His-tagged

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

SPECIFICATION

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

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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; OSTS; PDB2; OPTB7; TRANCER; LOH18CR1;
Gene ID	8792
mRNA Refseq	NM_003839
Protein Refseq	NP_003830
MIM	603499
UniProt ID	Q9Y6Q6
Chromosome Location	18q22.1
Pathway	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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