Recombinant Rat TNFRSF11A Protein, His-tagged

Cat. No. TNFRSF11A-1085R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat TNFRSF11A (XP_573424.2) extracellular domain (Met 1-Pro 213) was fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-213 a.a.
Predicted N Terminal	Val 31
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant rat TNFRSF11A comprises 194 amino acids and predicts a molecular mass of 21.5 kDa. The apparent molecular mass of the rat TNFRSF11A is approximately 32 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Tnfrsf11a tumor necrosis factor receptor superfamily, member 11a, NFKB activator [Rattus norvegicus]
Official Symbol	TNFRSF11A
Synonyms	TNFRSF11A; tumor necrosis factor receptor superfamily, member 11a, NFKB activator; RGD1563614;
Gene ID	498206
mRNA Refseq	
Protein Refseq	
MIM	
UniProt ID	
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Osteoclast differentiation, organism-specific biosystem; Osteoclast differentiation, conserved biosystem; Rheumatoid arthriti
Function	binding; cytokine binding; cytokine binding; molecular_function; transmembrane signaling receptor activity; transmembrane signaling receptor activity; tumor necrosis factor-activated receptor activity; tumor necrosis factor-activated receptor activity;

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