

Recombinant Rat TNFRSF11A Protein, Fc-tagged

Cat. No. TNFRSF11A-1084R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat TNFRSF11A (Met1-Pro213) was expressed, fused with the Fc region of human IgG1 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 recombinant rat TNFRSF11A/Fc is a disulfide-linked homodimer. The reduced monomer comprises 424 amino acids and has a predicted molecular mass of 47.1 kDa. The apparent molecular mass of the protein is approximately 61 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>80 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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°C 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 arthritis

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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