

Recombinant Mouse Tnfrsf11b Protein, Fc-tagged

Cat. No. Tnfrsf11b-1018M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Tnfrsf11b (NP_032790.3) (Met1-Leu401) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-401 a.a.
Predicted N Terminal	Glu 22
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Tnfrsf11b consists 618 amino acids and predicts a molecular mass of 70.2 kDa.
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°C.
Storage	Store it under sterile conditions at -20°C~-70°C. 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°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

Tnfrsf11b tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) [*Mus musculus*]

Official Symbol

Tnfrsf11b

Synonyms

TNFRSF11B; tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin); tumor necrosis factor receptor superfamily member 11B; osteoprotegerin; osteoclastogenesis inhibitory factor; Opg; TR1; OCIF;

Gene ID

18383

mRNA Refseq

NM_008764

Protein Refseq

NP_032790

MIM
UniProt ID
Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Osteoblast, organism-specific biosystem; Osteoclast, organism-specific biosystem; Osteoclast differentiation, organism-specif

Function

binding; receptor activity;

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