

Recombinant Mouse Tnfrsf11b Protein, His&GST-tagged

Cat. No. Tnfrsf11b-2137M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfrsf11b Protein (Glu22-Val281) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu22-Val281
Description	Acts upstream of or within extracellular matrix organization and negative regulation of odontogenesis of dentin-containing tooth. Located in extracellular matrix. Is expressed in several structures, including arterial system; bone; gut; lung; and placenta. Used to study osteoporosis. Human ortholog(s) of this gene implicated in Paget's disease of bone and osteoarthritis. Orthologous to human TNFRSF11B (TNF receptor superfamily member 11b).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 59.4 kDa Accurate Molecular Mass: 59 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

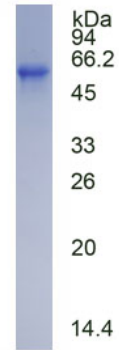
GENE INFORMATION

Gene Name	Tnfrsf11b tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin) [Mus musculus (house mouse)]
Official Symbol	Tnfrsf11b
Synonyms	Tnfrsf11b; tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin); Opg; TR1; OCIF; tumor necrosis factor receptor superfamily member 11B; osteoclastogenesis inhibitory factor; osteoprotegerin
Gene ID	18383
mRNA Refseq	NM_008764
Protein Refseq	NP_032790
UniProt ID	O08712

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