

Recombinant Rat Tnfrsf11b Protein, His-tagged

Cat. No. Tnfrsf11b-1163R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tnfrsf11b Protein (Glu22-Leu401) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Glu22-Leu401
Description	Predicted to enable cytokine activity. Involved in several processes, including negative regulation of bone resorption; negative regulation of odontogenesis of dentin-containing tooth; and response to estrogen. Located in extracellular space. Biomarker of congestive heart failure; myocarditis; and periapical periodontitis. 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: 45.3 kDa; Accurate Molecular Mass: 50 kDa
Purity	> 95%
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 PBS or others.
GENE INFORMATION	
Gene Name	Tnfrsf11b TNF receptor superfamily member 11B [Rattus norvegicus (Norway rat)]
Official Symbol	Tnfrsf11b
Synonyms	Tnfrsf11b; TNF receptor superfamily member 11B; Opg; tumor necrosis factor receptor superfamily member 11B; Osteoprotegerin
Gene ID	25341
mRNA Refseq	NM_012870
Protein Refseq	NP_037002