

Recombinant Rat Tnfrsf11b Protein, His-tagged

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

SPECIFICATION

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| Product Overview | Recombinant Rat Tnfrsf11b Protein (Glu22-Leu401) with His tag was expressed in 293F. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | Glu22-Leu401 |
| Description | <p>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).</p> |
| 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

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|------------------------|---|
| Gene Name | Tnfrsf11b TNF receptor superfamily member 11B [<i>Rattus norvegicus</i> (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 |

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