

Recombinant Rat Tnfrsf1b Protein, His-tagged

Cat. No. Tnfrsf1b-448R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tnfrsf1b Protein (Val23-Gly258) with N-His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Val23-Gly258
Description	Enables tumor necrosis factor-activated receptor activity. Involved in several processes, including cellular response to growth factor stimulus; cellular response to tumor necrosis factor; and response to lipopolysaccharide. Located in several cellular components, including neuronal cell body; perinuclear region of cytoplasm; and varicosity. Used to study visual epilepsy. Biomarker of Crohn's disease; myocardial infarction; sciatic neuropathy; and ureteral obstruction. Human ortholog(s) of this gene implicated in several diseases, including Parkinsonism; acne; bone disease (multiple); glomerulonephritis (multiple); and lung disease (multiple). Orthologous to human TNFRSF1B (TNF receptor superfamily member 1B).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7 kDa Accurate Molecular Mass: 46-50 kDa
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Tnfrsf1b tumor necrosis factor receptor superfamily, member 1b [Rattus norvegicus (Norway rat)]
Official Symbol	Tnfrsf1b
Synonyms	TNFRSF1B; tumor necrosis factor receptor superfamily, member 1b; tumor necrosis factor receptor superfamily member 1B; p75; TNF-R2; TNF-RII; TNFR-II; p80 TNF-alpha receptor; tumor necrosis factor receptor 2; tumor necrosis factor receptor type II; Tnfr2
Gene ID	156767
mRNA Refseq	NM_130426

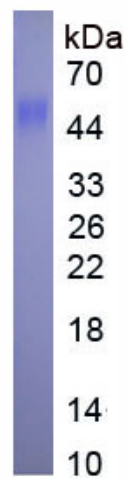
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UniProt ID Q80WY6



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