

## Recombinant Rat Tnfrsf1b protein, His & T7-tagged

**Cat. No.** Tnfrsf1b-7057R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tnfrsf1b aa. (Ala25~Met229 (Accession # Q80WY6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala25~Met229
<b>Description</b>	Mediates brain uptake of tumor necrosis factor (TNF)-alpha from the circulation.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 25.8kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.5.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	Tnfrsf1b TNF receptor superfamily member 1B [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Tnfrsf1b
<b>Synonyms</b>	Tnfrsf1b; TNF receptor superfamily member 1B; Tnfr2; tumor necrosis factor receptor superfamily member 1B; TNF-R2; TNF-RII; TNFR-II; p75; p80 TNF-alpha receptor; tumor necrosis factor receptor 2; tumor necrosis factor receptor superfamily, member 1b; tumor necrosis factor receptor type II
<b>Gene ID</b>	156767
<b>mRNA Refseq</b>	NM_130426.4
<b>Protein Refseq</b>	NP_569110.1
<b>UniProt ID</b>	Q80WY6

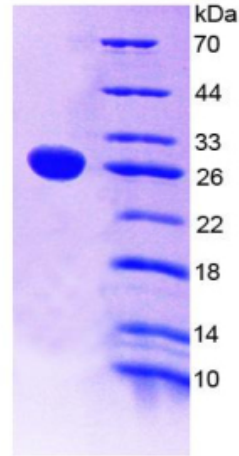
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SDS-PAGE



15% SDS-PAGE

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