

## Recombinant Rat Tnfrsf1a protein, His-tagged

**Cat. No.** Tnfrsf1a-7051R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tnfrsf1a aa. (Val257~His458 (Accession # P22934)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val257~His458
<b>Description</b>	May play a role in TNFalpha mediated inflammatory response to spinal cord injury.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	24 kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 8.2.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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°C for 48h,

 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

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°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

[Tnfrsf1a](#) TNF receptor superfamily member 1A [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

[Tnfrsf1a](#)

**Synonyms**

Tnfrsf1a; TNF receptor superfamily member 1A; Tnfr1; TNFR-1; tumor necrosis factor receptor superfamily member 1A; TNF-R1; TNF-RI; TNFR-I; p55; p60; tumor necrosis factor receptor 1; tumor necrosis factor receptor superfamily, member 1a; tumor necrosis factor receptor type I

**Gene ID**

[25625](#)

**mRNA Refseq**

[NM\\_013091.1](#)

**Protein Refseq**

[NP\\_037223.1](#)

**UniProt ID**

[P22934](#)

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