

Recombinant Rat Tnfrsf1a protein, His-tagged

Cat. No. Tnfrsf1a-7050R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tnfrsf1a aa. (Leu43~Leu194 (Accession # P22934)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu43~Leu194
Description	May play a role in TNFalpha mediated inflammatory response to spinal cord injury.
Form	Freeze-dried powder
Molecular Mass	18 kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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

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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.

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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