

Recombinant Rat Tnfsf15 protein, His & T7-tagged

Cat. No. Tnfsf15-7935R **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Rat Tnfsf15 aa. (Asp70~Asn230 (Accession # Q8K3Y7)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| Species | Rat |
| Source | E.coli |
| ProteinLength | Asp70~Asn230 |
| Description | Ligand for DR3 and TR6/DcR3; activates T cells leading to survival and secretion of proinflammatory cytokines; promotes acute graft-versus-host reactions. |
| Form | Freeze-dried powder |
| Molecular Mass | Predicted Molecular Mass: 22.1kDa. |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 8.5. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate of the target protein. The loss rate |

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

was determined by accelerated thermal degradation test, that is, incubate the protein 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.

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| 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 lyophilized form in 100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative. |
| Reconstitution | Reconstitute in sterile ddH ₂ O. |

GENE INFORMATION

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|------------------------|--|
| Gene Name | Tnfsf15 TNF superfamily member 15 [<i>Rattus norvegicus</i> (Norway rat)] |
| Official Symbol | Tnfsf15 |
| Synonyms | Tnfsf15; TNF superfamily member 15; Tnlg1b; tumor necrosis factor ligand superfamily member 15; TNF ligand-related molecule 1; tumor necrosis factor (ligand) superfamily, member 15; tumor necrosis factor ligand 1b; tumor necrosis factor superfamily member 15; vascular endothelial cell growth inhibitor |
| Gene ID | 252878 |
| mRNA Refseq | NM_145765.1 |
| Protein Refseq | NP_665708.1 |

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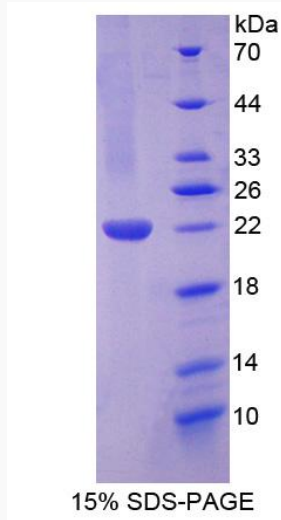
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UniProt ID

Q8K3Y7

SDS-PAGE



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