

Active Recombinant Rat Tnfsf8 protein(Gln66-Asp237), hFc-tagged

Cat. No. Tnfsf8-8723R **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Rat TNFSF8 (NP_001305962.1)(Gln66-Asp237) was expressed in HEK293 with Fc region of Human IgG1 at the N-terminus. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | Gln66-Asp237 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Bio-activity | Immobilized Rat S4-Fc3L3-TNFSF8 at 10 µg/ml (100 µl/well) can bind biotinylated human CD30-Fch, The EC50 of biotinylated human CD30-Fch is 8.3-19.3 ng/ml. |
| Molecular Mass | The recombinant Rat TNFSF8 comprises 432 amino acids and predicts a molecular mass of 47.9 kDa. The apparent molecular mass of the recombinant protein is approximately 58 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |
| Purity | > 90 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. |

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name

Tnfsf8 tumor necrosis factor (ligand) superfamily, member 8 [Rattus norvegicus]

Official Symbol

Tnfsf8

Synonyms

TNFSF8; tumor necrosis factor (ligand) superfamily, member 8; CD30 antigen ligand;

Gene ID

683163

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