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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