

Active Recombinant Rat TNFSF9 protein, His-Flag-tagged

Cat. No. TNFSF9-2842R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TNFSF9 protein(Pro 106-Gly 308), fused with His and Flag tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Pro 106-Gly 308
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse 4-1BB, Fc Tag at 1 µg/mL (100 µL/well) can bind Rat 4-1BB Ligand His,Flag Tag with a linear range of 5-39 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by a flag tag.The protein has a calculated MW of 72.3 kDa. The protein migrates as 95-115 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 months under sterile conditions after reconstitution.

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 Tnfsf9 tumor necrosis factor (ligand) superfamily, member 9 [Rattus norvegicus]

Official Symbol TNFSF9

Synonyms TNFSF9; tumor necrosis factor (ligand) superfamily, member 9; costimulatory molecule;

Gene ID 353218

mRNA Refseq NM_181384

Protein Refseq NP_852049

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