

Active Recombinant Rat Tnfsf9 protein, hFc-tagged

Cat. No. Tnfsf9-7445R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tnfsf9 protein(Q80WE6)(Pro106-Gly308), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	106-308 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized canine TNFRSF9-His at 10 µg/ml (100 µl/well) can bind rat Fc-TNFSF9, The EC50 of rat Fc-TNFSF9 is 0.26-0.62 µg/ml.
Molecular Mass	The recombinant rat TNFSF9 comprises 463 amino acids and predicts a molecular mass of 50.9 kDa. The apparent molecular mass of the recombinant protein is approximately 61 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Proteinlength	Pro106-Gly308
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 96 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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	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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