

Recombinant Mouse Tnfrsf9 protein(Met1-Leu211), hFc-tagged

Cat. No. Tnfrsf9-635M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TNFRSF9 (NP_001070976.1) (Met 1-Leu 211) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-211 a.a.
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	Measured by its binding ability in a functional ELISA. Immobilized mouse His-TNFSF9 at 10 µg/ml (100 µl/well) can bind mouse TNFRSF9-Fc, The EC50 of mouse TNFRSF9-Fc is 12.0-29.0 ng/ml.
Molecular Mass	The secreted recombinant mouse TNFRSF9/Fc is a disulfide-linked homodimer. The reduced monomer comprises 429 amino acids and has a calculated molecular mass of 47 kDa. As a result of glycosylation, the apparent molecular mass of the monomer is approximately 65-75 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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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	Tnfrsf9 tumor necrosis factor receptor superfamily, member 9 [<i>Mus musculus</i>]
Official Symbol	Tnfrsf9
Synonyms	TNFRSF9; tumor necrosis factor receptor superfamily, member 9; tumor necrosis factor receptor superfamily member 9; CD137 antigen; T-cell antigen 4-1BB; 4-1BB ligand receptor; secreted CD137 antigen; ILA; Ly63; 4-1BB; Cd137; CDw137; AA408498; AI325004; A930040I11Rik;
Gene ID	21942
mRNA Refseq	NM_001077508
Protein Refseq	NP_001070976

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