

Recombinant Mouse Tnfrsf9 protein, His-tagged

Cat. No. Tnfrsf9-82M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse TNFRSF9, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
Description	TNFRSF9, also known as tumor necrosis factor receptor superfamily member 9, interacts with TNFSF9 expressed on activated T cells and delivers a co-stimulatory signal for T cell activation and growth. It binds with high affinity to the transmembrane TNFSF9(4-1BB ligand) which expressed on antigen presenting cells and myeloid progenitor cells.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	18.6kDa (172aa)18-28KDa (SDS–PAGE under reducing conditions.)
AA Sequence	VQNSCDNCQP GTFCRKYNPV CKSCPPSTFS SIGGQPNCNI CRVCAGYFRF KKFCSSTHNA ECECIEGFHC LQPQCTRCEK DCRPGQELTK QGCKTCSLGT FNDQNGTGVC RPWTNCSLDG RSVLKTGTTE KDVVCGPPVV SFSPSTTISV TPEGGPGGHS LQVLLEHHHH HH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>90% by SDS – PAGE

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Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)
GENE INFORMATION	
Gene Name	Tnfrsf9 tumor necrosis factor receptor superfamily, member 9 [Mus musculus]
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
MIM	
UniProt ID	
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;
Function	binding; receptor activity;

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