

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 GTFCKRYNPV CKSCPPSTFS SIGGQPNCNI CRVCAGYFRF KKFCSSTHNA ECECIEGFHC LGPQCTRCEK DCRPGQELTK QGCKTCSLGT FNDQNGTGVC RPWTNCSLDG RSVLKTGTTE KDVVCGPPVV SFSPSTTISV TPEGGPGGHS LQVLLLEHHHH HH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>90% by SDS – PAGE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA