

Recombinant Mouse Tnfsf9, FLAG-tagged

Cat. No. Tnfsf9-2099M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tnfsf9 is produced in <i>HEK 293 Cells</i> . The extracellular domain of mouse CD137L (aa 104-309) is fused at the N-terminus to a FLAG-tag. MW= 40kDa.
Species	Mouse
Source	HEK293
ProteinLength	104-309 a.a.
Description	CD137 is a member of the tumor necrosis factor (TNF) receptor family. Its alternative names are tumor necrosis factor receptor superfamily member 9 (TNFRSF9), 4-1BB and induced by lymphocyte activation (ILA). The best characterized activity of CD137 is its costimulatory activity for activated T cells. Crosslinking of CD137 enhances T cell proliferation, IL-2 secretion survival and cytolytic activity. Further, it can enhance immune activity to eliminate tumors in mice.
Purity	≥90% (SDS-PAGE).
Concentration	0.1mg/ml after reconstitution.
Formulation	Lyophilized. Contains PBS.
Reconstitution	Reconstitute with 100µsterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum.

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Specificity	Binds to mouse CD137 (4-1BB).
Storage And Stability	Stable for at least 6 months after receipt when stored at -20°C. Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.
GENE INFORMATION	
Gene Name	Tnfsf9 tumor necrosis factor (ligand) superfamily, member 9 [<i>Mus musculus</i>]
Synonyms	Tnfsf9; tumor necrosis factor (ligand) superfamily, member 9; Ly63l; 4-1BBL; Cd137l; 4-1BB-L; AI848817; tumor necrosis factor ligand superfamily member 9; 4-1BB ligand
Gene ID	21950
mRNA Refseq	NM_009404
Protein Refseq	NP_033430
UniProt ID	P41274
Chromosome Location	17 D
Pathway	Cytokine-cytokine receptor interaction
Function	cytokine activity; receptor binding; tumor necrosis factor receptor binding

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