

Recombinant Human TNFRSF9, His-tagged

Cat. No. TNFRSF9-15862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TNFRSF9 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	18-186aa
Description	TNFRSF9, also known as CD137 or ILA, is a member of the TNF superfamily of receptors. This protein is mainly expressed on the surface of a variety of T cells, but also found in B cells, monocytes, and various transformed cell lines. TNFRSF9 is expressed on activated T cells and binds an inducible ligand that is found on B cells, macrophages and dendritic cells.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	20 kDa (193aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMFERTRS LQDPCSNCPA GTFCDNNRNQ ICSPCPPNSF SSAGGQRTCD ICRQCKGVFR TRKECSSTSN AECDCTPGFH CLGAGCSMCE QDCKQGQELT KKGCKDCCFG TFNDQKRGIC RPWTNCSLDG KSVLVNGTKE RDVVCGPSA DLSPGASSVTPPAPAREPGH SPQ

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [Homo sapiens]
Official Symbol	TNFRSF9
Synonyms	TNFRSF9; tumor necrosis factor receptor superfamily, member 9; ILA; tumor necrosis factor receptor superfamily member 9; 4 1BB; CD137; CD137 antigen; T cell antigen ILA; T-cell antigen ILA; 4-1BB ligand receptor; homolog of mouse 4-1BB; receptor protein 4-1BB; T-cell antigen 4-1BB homolog; induced by lymphocyte activation (ILA); interleukin-activated receptor, homolog of mouse Ly63; 4-1BB; CDw137; MGC2172; FLJ43501;
Gene ID	3604
mRNA Refseq	NM_001561
Protein Refseq	NP_001552
MIM	602250
UniProt ID	Q07011

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Chromosome Location	1p36
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;
Function	binding; receptor activity;

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