

# Recombinant Human Tumor Necrosis Factor Receptor Superfamily, Member 9, His-tagged

Cat. No. TNFRSF9-5598H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant humanTNFRSF9 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	TNFRSF9, also knownas CD137 or ILA, is a member of the TNF superfamily of receptors. Thisprotein is mainly expressed on the surface of a variety of T cells, but alsofound in B cells, monocytes, and various transformed cell lines. TNFRSF9 isexpressed on activated T cells and binds an inducible ligand that is found onB cells, macrophages and dendritic cells.
<b>Form</b>	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol,1mM DTT.
<b>Molecular Weight</b>	20 kDa (193aa),confirmed by MALDI-TOF.
<b>Purity</b>	> 90% by SDS - PAGE.
<b>Concentration</b>	0.5 mg/ml(determined by Bradford assay).
<b>Sequences of aminoacids</b>	MGSSHHHHHHSSGLVPRGSH MGSMFERTRS LQDPCSNCPA GTFCDNNRNQ ICSPCPPNSF SSAGGQRTCD ICRQCKGVFRTRKECSSTSN AECDCPTPGFH

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CLGAGCSMCE QDCKQGQELT KKGCKDCCFG TFNDQKRGIC  
 RPWTNCSLDGKSVLVNGTKE RDVVCGPSPA DLSPGASSVT PPAPAREPGH SPQ

**Storage**

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Official Symbol**

TNFRSF9

## GENE INFORMATION

**Gene Name**

[TNFRSF9 tumor necrosis factor receptor superfamily, member 9 \[ Homo sapiens \]](#)

**Synonyms**

TNFRSF9; tumor necrosis factor receptor superfamily, member 9; ILA; 4-1BB; CD137; CDw137; tumor necrosis factor receptor superfamily member 9; 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

**Gene ID**

[3604](#)

**mRNA Refseq**

[NM\\_001561](#)

**Protein Refseq**

[NP\\_001552](#)

**MIM**

[602250](#)

**UniProt ID**

[Q07011](#)

**Chromosome  
Location**

1p36

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<b>Pathway</b>	Cytokine-cytokinereceptor interaction; Downstream signaling in naive CD8+ T cells
<b>Function</b>	binding; receptoractivity

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