

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

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

SPECIFICATION

Product Overview	Recombinant humanTNFRSF9 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol,1mM DTT.
Molecular Weight	20 kDa (193aa),confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml(determined by Bradford assay).
Sequences of aminoacids	MGSSHHHHHHSSGLVPRGSH MGSMFERTRS LQDPCSNCPA GTFCDNNRNQ ICSPCPPNSF SSAGGQRTCD ICRQCKGVFRTRKECSSTSN AECDCTPGFH

 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

CLGAGCSMCE QDCKQGQELT KKGCKDCCFG TFNDQKRGIC
RPWTNCSLDGKSVLVNGTKE RDVVCGPSA 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

 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

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

 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