

## Active Recombinant Human TNFRSF9 protein(Met1-Gln186), hFc-tagged

**Cat. No.** TNFRSF9-43H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFRSF9 protein(NP_001552.2)(Met1-Gln186), fused with C-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gln186
<b>similar</b>	TNFRSF9
<b>Alias</b>	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;
<b>Conjugate</b>	C-hFc
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bioactivity</b>	Measured by its binding ability in a functional ELISA. Immobilized TNFRSF9-Fc at

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	10 µg/ml(100 µl/well) can bind TNFSF9/Biotin, The EC50 of TNFSF9/Biotin is 20-60 ng/mL.
<b>MolecularMass</b>	The recombinant human TNFRSF9 consists of 401 amino acids and predicts a molecular mass of 44 kDa. As a result of glycosylation, it migrates as an approximately 58.9 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>GeneName</b>	TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [ Homo sapiens ]
<b>GeneNameWeblink</b>	<a href="#">3604</a>
<b>OfficialSymbol</b>	TNFRSF9
<b>OfficialSymbolWeblink</b>	<a href="#">3604</a>
<b>GeneID</b>	3604
<b>GeneIDWeblink</b>	<a href="#">3604</a>
<b>mRNARefseq</b>	NM_001561

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<b>mRNARefseqWeblink</b>	<a href="#">NM_001561.5</a>
<b>ProteinRefseqWeblink</b>	<a href="#">NP_001552.2</a>
<b>MIMWeblink</b>	<a href="#">602250</a>
<b>UniProtID</b>	Q07011
<b>UniProtIDWeblink</b>	<a href="#">Q07011</a>

## GENE INFORMATION

<b>Synonyms</b>	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;
<b>MIM</b>	602250

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