

# Recombinant Human TNFRSF9 protein, hFc-Avi-tagged, Biotinylated

**Cat. No.** TNFRSF9-346H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human TNFRSF9 protein(Q07011)(Leu24-Gln186), fused with C-terminal hFc-Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu24-Gln186
<b>Tag</b>	C-hFc-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human 4-1BB , hFc Tag at 1µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human 4-1BB Ligand (Trimer) , His Tag with the EC50 of 14.5ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 45.7 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [ Homo sapiens ]
<b>Official Symbol</b>	TNFRSF9
<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>Gene ID</b>	3604
<b>mRNA Refseq</b>	NM_001561
<b>Protein Refseq</b>	NP_001552
<b>MIM</b>	602250

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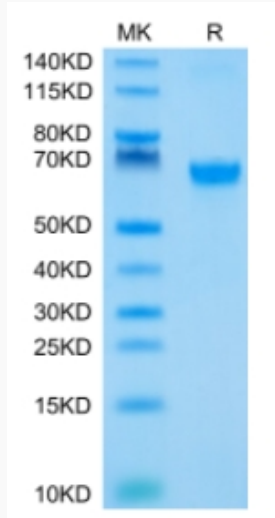
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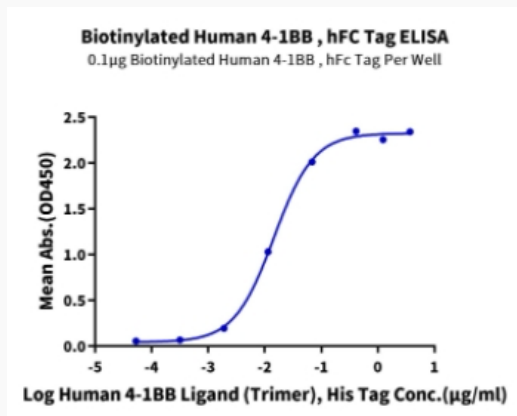
UniProt ID

Q07011

Tris-Bis PAGE



ELISA Data



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