

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

Cat. No. TNFRSF9-3636H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	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>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human 4-1BB, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human 4-1BB Ligand (Trimer), hFc Tag with the EC50 of 9.0ng/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.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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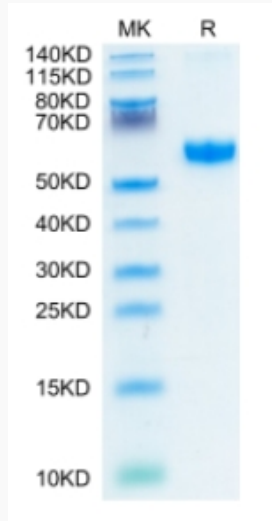
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<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
<b>UniProt ID</b>	Q07011

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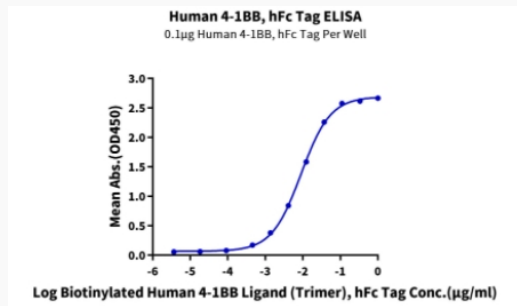
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**Tris-Bis PAGE**



**ELISA Data**



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