

## Recombinant Human TNFSF9 protein, His-tagged

Cat. No. TNFSF9-731H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF9 protein(P41273)(Arg71-Glu254), fused with N-terminal His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Arg71-Glu254
<b>Tag</b>	N-His
<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 Human 4-1BB Ligand Trimer, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Human 4-1BB, hFc Tag with the EC50 of 4.6ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 61.8 kDa same as 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
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual

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defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** TNFSF9 tumor necrosis factor (ligand) superfamily, member 9 [ Homo sapiens ]

**Official Symbol** TNFSF9

**Synonyms**

TNFSF9; tumor necrosis factor (ligand) superfamily, member 9; tumor necrosis factor ligand superfamily member 9; 4 1BB L; homolog of mouse 4 1BB L; receptor 4 1BB ligand; 4-1BBL; 4-1BB ligand; receptor 4-1BB ligand; homolog of mouse 4-1BB-L; CD137L; 4-1BB-L;

**Gene ID** 8744

**mRNA Refseq** NM\_003811

**Protein Refseq** NP\_003802

**MIM** 606182

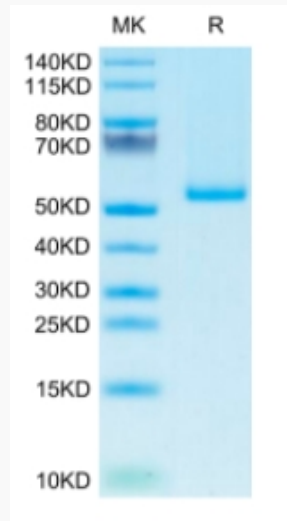
**UniProt ID** P41273

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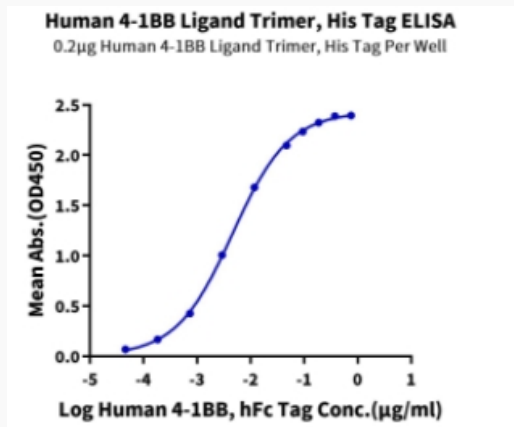
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**Tris-Bis PAGE**



**ELISA Data**



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