

Active Recombinant Human TNFSF9 protein, Avi&Fc-tagged, Biotinylated

Cat. No. TNFSF9-720H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TNFSF9 protein(NP_003802.1)(Arg71-Glu254), fused with Avi tag and Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	71-254 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	1. Immobilized 4-1BB-Fch at 10 µg/mL (100 µL/well) can bind S3-Avi-Fc-TNFSF9, the EC50 of S3-Avi-Fc-TNFSF9 is 7.0-20 ng/mL.2. Measured by it's ability to induce IL-8 secretion by HT1080 transfected with human CD137. The ED50 for this effect is typically 0.25-1.5 µg/mL.
Molecular Mass	The recombinant human TNFSF9 comprises 437 amino acids and has a calculated molecular mass of 47.98 kDa.
Proteinlength	Arg71-Glu254

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Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.
Reconstitution	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.
Conjugation	Biotin

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

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UniProt ID

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