

Active Recombinant Human TNFRSF9 Protein, His-tagged

Cat. No. TNFRSF9-133H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF9 Protein(NP_001552.2) (Met 1-Gln 186), fused with a C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1-Gln 186
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human 4-1BB-His at 2 µg/ml (100 µl/well) can bind human 4-1BBL-hFc, the EC50 of human 4-1BBL-hFc is 8-40 ng/mL.
Molecular Mass	The recombinant human 4-1BB consists of 174 amino acids and has a calculated molecular mass of 18.8 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of human 4-1BB is approximately 30-35 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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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.

GENE INFORMATION

Gene Name TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [Homo sapiens]

Official Symbol TNFRSF9

Synonyms 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;

Gene ID 3604

mRNA Refseq NM_001561

Protein Refseq NP_001552

MIM 602250

UniProt ID Q07011

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