

Active Recombinant Human TNFRSF9, Fc-His-tagged

Cat. No. TNFRSF9-581H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TNFRSF9(Met 1-Gln 186)(NP_001552.2) was expressed in Human Cells, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-186 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant mouse 4-1BB Ligand at 20 µg/ml (100 µl/well) can bind human 4-1BB with a linear range of 15.6-500 ng/ml.
Molecular Mass	The recombinant human 4-1BB/Fc chimera is a disulfide-linked homodimeric protein. The reduced monomer consists of 409 amino acids and has a calculated molecular mass of 45.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh4-1BB/Fc monomer is approximately 60-65 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE

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Storage Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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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