

Active Recombinant Human TNFSF9 protein, Fc-tagged

Cat. No. TNFSF9-717H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF9 protein(NP_003802.1)(Arg71-Glu254), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Arg71-Glu254
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	1. Immobilized human TNFRSF9 at 10µg/mL (100µL/well) can bind human TNFSF9 ,the EC50 of human TNFSF9 is 7-40ng/mL. 2. Measured by its ability to induce IL-8 secretion by HT1080 transfected with human CD137. The EC50 for this effect is typically 0.3-1.2 µg/mL.
Molecular Mass	The recombinant human TNFSF9 consists 444 amino acids and predicts a molecular mass of 47.9 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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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 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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