

Active Recombinant Human TNFSF9 protein, His-tagged

Cat. No. TNFSF9-2605H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF9 protein(Arg71-Glu254), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	71-254 aa
Form	Lyophilized from a 0.22 µm filtered solution of 50mM Tris, 150mM NaCl, pH 8.0.
Bio-activity	1. Measured by its binding ability in a functional ELISA. Immobilized recombinant human TNFSF9 at 2 µg/mL (100 µL/well) can bind recombinant human TNFRSF9 with a linear range of 40-100 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Human TNFSF9/4-1BB at 2 µg/mL (100 µL/well) can bind Human TNFRSF9/4-1BB/CD137 with a linear range of 0.1-5.8 ng/mL.
Molecular Mass	20.28 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months,

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at 2-8°C for up to 1 week.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

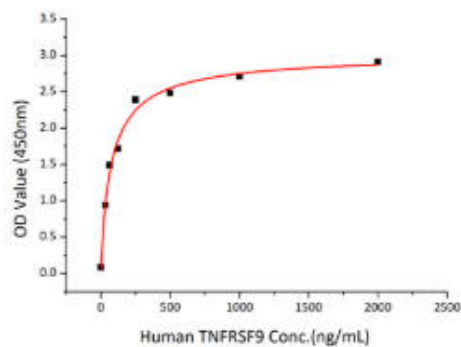
UniProt ID P41273

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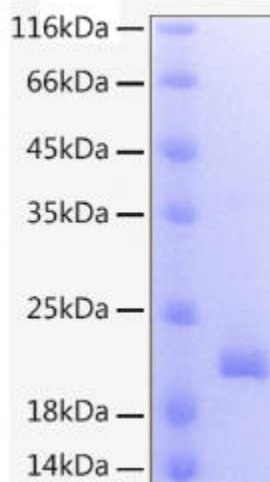
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Activity



SDS-PAGE



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