Recombinant Human TNFSF9 Protein, His tagged

Cat. No. TNFSF9-355H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF9 (Leu72-Leu251) with N-terminus His tag is expressed in CHO cells.
Species	Human
Source	CHO
Conjugation/Label	72-251 aa
Form	Liquid, 1×PBS buffer, pH7.4, 0.22 μm filtered
Molecular Mass	This protein has a predicted molecular weight of 21.6 kDa. Under DTT-reducing conditions, the protein migrates at approximately 23 kDa on SDS-PAGE.
Endotoxin	Less than 0.1 EU/μg protein as determined by the LAL method
Purity	>95% based on SDS-PAGE under reducing condition
Applications	ELISA, BLI
Storage	Briefly centrifuge the vial upon receipt. An unopened vial can be stored at 4 centigrade for up to 2 weeks, or at -20 centigrade or below for up to six months. The protein may be further diluted to 0.1 mg/mL using 0.22 μm-filtered PBS buffer (pH 7.4). For long-term storage, the diluted stock solution should be aliquoted and stored at ≤ –70 centigrade to minimize freeze-thaw cycles. If additional dilution is required,

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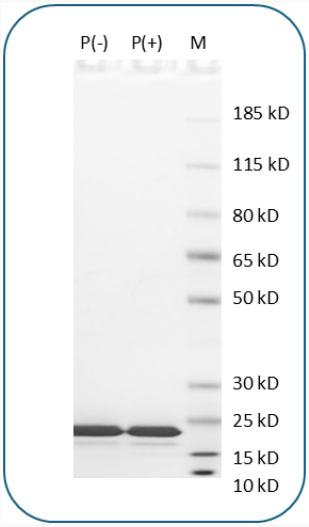
	carrier proteins such as FBS or BSA should be added to maintain protein stability.
Concentration	25 μg size is bottled at 0.2 mg/mL concentration. 100 μg size is supplied at a lot-specific concentration.

GENE INFORMATION

Gene Name	TNFSF9 tumor necrosis factor (ligand) superfamily, member 9 [Homo sapiens (human)]
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

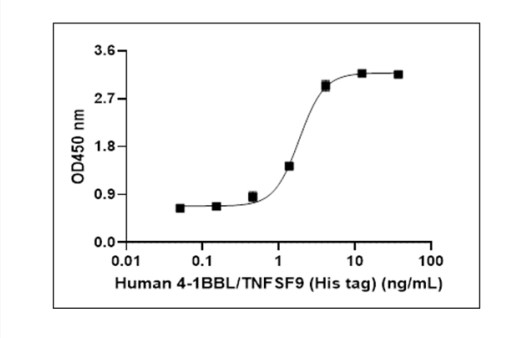
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SDS-PAGE



Purified Human 4-1BBL/TNFSF9 Protein (N-His)on SDS-PAGE under reducing (P+) and non-reducing (P-) conditions. The purity of the purified protein appears to be greater than 95% based on reducing condition.

ELISA



Human CD137/4-IBB (C-Fc) is coated at 2 μg/mL (200 ng/well). Human 4-1BBL/TNFSF9 Protein (N-His) can bind Human CD137/4-IBB (C-Fc) in a dose-dependent manner with the ED50 of 1.5-5 ng/mL

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