

Active Recombinant Human TNFSF9 Protein (Leu 24 - Gln 186), His-tagged

Cat. No. TNFSF9-231H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF9 Protein is expressed from human 293 cells (HEK293). It contains AA Leu 24 - Gln 186 (Accession # Q07011-1). Predicted N-terminus: Leu 24. This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 19.2 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Species	Human
Source	HEK293
ProteinLength	Leu 24 - Gln 186
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Human TNFSF9 Ligand, Fc-tag at 2 µg/mL (100 µL/well) can bind Recombinant Human TNFSF9 protein, His-tagged with a linear range of 0.5-16 ng/mL (QC tested).
Molecular Mass	19.2 kDa
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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Notes	Please avoid repeated freeze-thaw cycles.
Stability	No activity loss is observed after storage at: 4-8 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

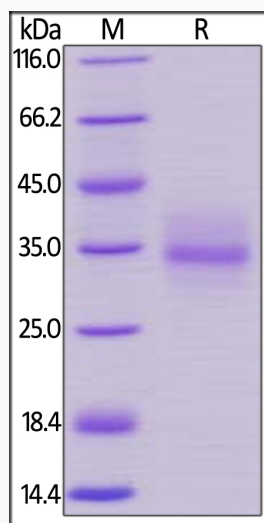
GENE INFORMATION

Gene Name	TNFSF9 tumor necrosis factor (ligand) superfamily, member 9 [Homo sapiens]
Official Symbol	TNFSF9
Synonyms	TNFSF9; 4 1BB L; 4-1BBL; 4-1BB ligand; CD137L; 4-1BB-L;
Gene ID	8744
mRNA Refseq	NM_003811
Protein Refseq	NP_003802
MIM	606182
UniProt ID	P41273

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