

Recombinant Human TNFRSF9 protein(Met1-Leu152), His-tagged

Cat. No. TNFRSF9-1108H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD137 (Q07011) (Met1-Leu152) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Leu152
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CD137 consists of 140 amino acids and predicts a molecular mass of 15.70 kDa. It migrates as an approximately 25.78 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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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