

Active Recombinant Human TNFRSF9 protein(Met1-Gln186), hFc-tagged

Cat. No. TNFRSF9-43H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFRSF9 protein(NP_001552.2)(Met1-Gln186), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln186
similar	TNFRSF9
Alias	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;
Conjugate	C-hFc
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	Measured by its binding ability in a functional ELISA. Immobilized TNFRSF9-Fc at

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	10 µg/ml(100 µl/well) can bind TNFSF9/Biotin, The EC50 of TNFSF9/Biotin is 20-60 ng/mL.
MolecularMass	The recombinant human TNFRSF9 consists of 401 amino acids and predicts a molecular mass of 44 kDa. As a result of glycosylation, it migrates as an approximately 58.9 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.
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.
GeneName	TNFRSF9 tumor necrosis factor receptor superfamily, member 9 [Homo sapiens]
GeneNameWeblink	3604
OfficialSymbol	TNFRSF9
OfficialSymbolWeblink	3604
GenelD	3604
GenelDWeblink	3604
mRNARefseq	NM_001561

mRNARefseqWeblink	NM_001561.5
ProteinRefseqWeblink	NP_001552.2
MIMWeblink	602250
UniProtID	Q07011
UniProtIDWeblink	Q07011

GENE INFORMATION

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;
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