Recombinant Human TNFSF9, FLAG-tagged

Cat. No. TNFSF9-2075H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TNFSF9 is produced in*HEK 293 Cells.*The extracellular domain of human CD137L (aa 49-254) is fused at the N-terminus to a linker peptide (10 aa) and a FLAG-tag. MW=27kDa.
Species	Human
Source	HEK293
ProteinLength	49-254 a.a.
Description	Biologically active CD137L (4-1BBL; TNFSF 9) comprising the whole extracellular tail domain (aa 49-93), which is important for the cross-linking of the protein that is essential for its biological activity.
Purity	≥95% (SDS-PAGE).
Concentration	0.1mg/ml after reconstitution.
Formulation	Lyophilized. Contains PBS and 5% trehalose.
Endotoxin Content	<0.1EU/μg purified protein (LAL test; Bio Whittaker).
Reconstitution	Reconstitute with 100μsterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum.

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Specificity	Binds to human CD137 (4-1BB).
Storage	Stable for at least 6 months after receipt when stored at -20°C.
Handling	After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	TNFSF9 tumor necrosis factor (ligand) superfamily, member 9 [Homo sapiens]
Synonyms	TNFSF9; tumor necrosis factor (ligand) superfamily, member 9; CD137L; 4-1BB-L; TNFSF9; tumor necrosis factor (ligand) superfamily, member 9;receptor 4-1BB ligand; homolog of mouse 4-1BB-L; 4-1BBL; 4-1BB ligand; receptor 4-1BB ligand
Gene ID	8744
mRNA Refseq	NM_003811
Protein Refseq	NP_003802
MIM	606182
UniProt ID	P41273
Chromosome Location	19p13.3
Pathway	Cytokine-cytokine receptor interaction
Function	cytokine activity; tumor necrosis factor receptor binding

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