

## Recombinant Human TNFSF9, FLAG-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TNFSF9 is produced in <i>HEK 293 Cells</i> . 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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	49-254 a.a.
<b>Description</b>	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.
<b>Purity</b>	≥95% (SDS-PAGE).
<b>Concentration</b>	0.1mg/ml after reconstitution.
<b>Formulation</b>	Lyophilized. Contains PBS and 5% trehalose.
<b>Endotoxin Content</b>	<0.1EU/g purified protein (LAL test; Bio Whittaker).
<b>Reconstitution</b>	Reconstitute with 100µl sterile distilled water. Further dilutions should be made with medium containing 5% fetal calf serum.

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<b>Specificity</b>	Binds to human CD137 (4-1BB).
<b>Storage</b>	Stable for at least 6 months after receipt when stored at -20°C.
<b>Handling</b>	After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	TNFSF9 tumor necrosis factor (ligand) superfamily, member 9 [ Homo sapiens ]
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">8744</a>
<b>mRNA Refseq</b>	<a href="#">NM_003811</a>
<b>Protein Refseq</b>	<a href="#">NP_003802</a>
<b>MIM</b>	<a href="#">606182</a>
<b>UniProt ID</b>	<a href="#">P41273</a>
<b>Chromosome Location</b>	19p13.3
<b>Pathway</b>	Cytokine-cytokine receptor interaction
<b>Function</b>	cytokine activity; tumor necrosis factor receptor binding

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