

RP00756

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Recombinant Human TNFSF9/4-1BB Ligand Protein

Catalog No.: RP00756

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	8744	P41273

Tags

N-Fc

Synonyms

4-1BB-L; CD137L;
TNLG5A; TNFSF9; CD137L; TNLG5A

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Tumor necrosis factor ligand superfamily member 9(4-1BBL) is single-pass type II membrane protein which is a member of the tumor necrosis factor family. 4-1BBL is a 254 amino acids cytokine that is expressed in brain, placenta, lung, skeletal muscle and kidney. TNFSF9 has been shown to reactivate anergic T lymphocytes in addition to promoting T lymphocyte proliferation. This cytokine may have a role in activation-induced cell death (AICD) and cognate interactions between T-cells and B-cells/macrophages. It has also been shown to be required for the optimal CD8 responses in CD8 T cells, and is thought to be involved in T cell-tumor cell interaction.

Basic Information

Description

Recombinant Human TNFSF9/4-1BB Ligand Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Arg71-Glu254) of human TNFSF9/4-1BB Ligand (Accession #P41273) fused with an Fc tag at the N-terminus.

Bio-Activity

Storage

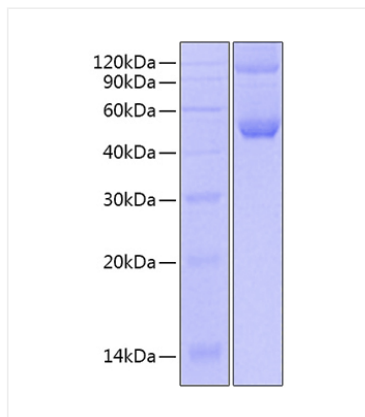
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human TNFSF9/4-1BB Ligand Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.