antibodies

# Datasheet for ABIN6952261 TNFSF9 Protein (AA 71-254) (DYKDDDDK Tag,His tag)





### Overview

Quantity:	100 µg
Target:	TNFSF9
Protein Characteristics:	AA 71-254
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This TNFSF9 protein is labelled with DYKDDDDK Tag,His tag.

## Product Details

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

### Target Details

Target:	TNFSF9	
Alternative Name:	4-1BB Ligand (TNFSF9 Products)	
Background:	Tumor necrosis factor ligand superfamily member 9 (4-1BBL) is also known as 4-1BB ligand,	
	CD137L or TNFSF9, which is a cytokine that binds to TNFRSF9. 4-1BBL is the high affinity	
	ligand of 4-1BB. 4-1BBL induces the proliferation of activated peripheral blood T-cells. Also, 4-	
	1BBL may have a role in activation-induced cell death (AICD). Furthermore, 4-1BBL may play a	
	role in cognate interactions between T-cells and B-cells/macrophages. As for diseases, 4-1BBL	

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Target Details	
	is involved in cancers, infectious diseases and autoimmune diseases.
Molecular Weight:	62.8 kDa
NCBI Accession:	NP_003802
Pathways:	Activated T Cell Proliferation, Cancer Immune Checkpoints
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C

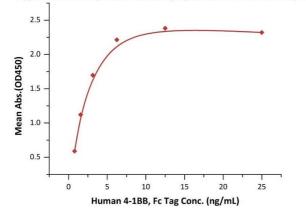
### Images

kDa	М	NR
116.0	-	
66.2	-	_
45.0	-	
35.0		
25.0	_	
18.4	-	
14.4	-	

### SDS-PAGE

**Image 1.** Human 4-1BB Ligand (71-254), His,Flag Tag (active trimer) (MALS verified) on under ing (NR) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .

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#### ELISA

**Image 2.** Immobilized Human 4-1BB Ligand (71-254), His,Flag Tag (active trimer) (MALS verified) (ABIN6951005,ABIN6952261) at 2 µg/mL (100 µL/well) can bind Human 4-1BB, Fc Tag (ABIN2180548,ABIN2180547) with a linear range of 0.2-3 ng/mL (QC tested).

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