

## Recombinant Human 4-1BBL/TNFSF9 Protein (His/AVI Tag)

Catalog No. PKSH500020

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

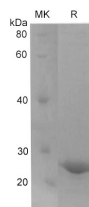
### Description

<b>Synonyms</b>	Tumor necrosis factor ligand superfamily member 9,4 1BB L,4 1BB ligand,CD137L,CD157L,ILA ligand (TNF related),Ly63l,TNFL9,TNLG5A,
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Arg71-Glu254
<b>Accession</b>	P41273
<b>Calculated Molecular Weight</b>	24.3 kDa
<b>Observed molecular weight</b>	22-28 kDa
<b>Tag</b>	N-His, C-AVI
<b>Bioactivity</b>	Testing in progress

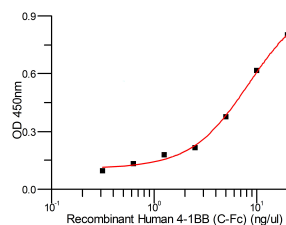
### Properties

<b>Purity</b>	> 90 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

### Data



> 90 % as determined by reducing SDS-PAGE.



Measured by its binding ability in a functional ELISA. When Recombinant Human 4-1BBL/TNFSF9 (His/AVI Tag) is Immobilized at 1ug/mL (100 L/well), the concentration of Recombinant Human 4-1BB (C-Fc) that produces 50% optimal binding response is approximately 6.2-7.2 ng/uL.

### For Research Use Only

## Background

Cytokine that binds to TNFRSF9. Induces the proliferation of activated peripheral blood T-cells. May have a role in activation-induced cell death (AICD). May play a role in cognate interactions between T-cells and B-cells/macrophages.