

## Product datasheet

# Recombinant mouse 4-1BBL protein (Fc Chimera Active) ab220539

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### Description

<b>Product name</b>	Recombinant mouse 4-1BBL protein (Fc Chimera Active)		
<b>Biological activity</b>	Measured by its binding ability in a functional ELISA. Immobilized Mouse 4-1BB, His Tag at 0.5 µg/mL (100 µL/well), can bind ab220539 with a linear range of 0.4-6 ng/mL.		
<b>Purity</b>	> 95 % SDS-PAGE.		
<b>Endotoxin level</b>	< 1.000 Eu/µg		
<b>Expression system</b>	HEK 293 cells		
<b>Accession</b>	<b><u>P41274</u></b>		
<b>Protein length</b>	Protein fragment		
<b>Animal free</b>	No		
<b>Nature</b>	Recombinant		
<b>Species</b>	Mouse		
<b>Sequence</b>	RTEPRPALTITSPNLGTRENNADQVTPVSHIGCPNTTQQG SPVFAKLLA KNQASLCNTTLNWHSQDGAGSSYLSQGLRYEEDKKELVV DSPGLYYVFLE LKLSPTFTNTGHKVQGWSLVVLQAKPQVDDFDNLALTVE LFPCSMENKLV DRSWSQLLLLKAGHRLSVGLRAYLHGAQDAYRDWELSY NTTSFGLFLVK PDNPWE		
<b>Predicted molecular weight</b>	49 kDa including tags		
<b>Amino acids</b>	104 to 309		
<b>Tags</b>	Fc tag C-Terminus		
<b>Additional sequence information</b>	This protein carries a human IgG1 Fc tag at the C-terminus.		

### Specifications

Our **Abpromise guarantee** covers the use of **ab220539** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Functional Studies

## SDS-PAGE

### Form

Lyophilized

### Additional notes

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section.

pH: 7.4

Constituents: 0.61% Tris, 0.75% Glycine, 5% Trehalose, Sodium chloride, L-Arginine

Lyophilized from 0.22 µm filtered solution.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

### Reconstitution

Reconstitute with sterile deionized water to a concentration of 100 µg/ml.

## General Info

### Function

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.

### Tissue specificity

Expressed in brain, placenta, lung, skeletal muscle and kidney.

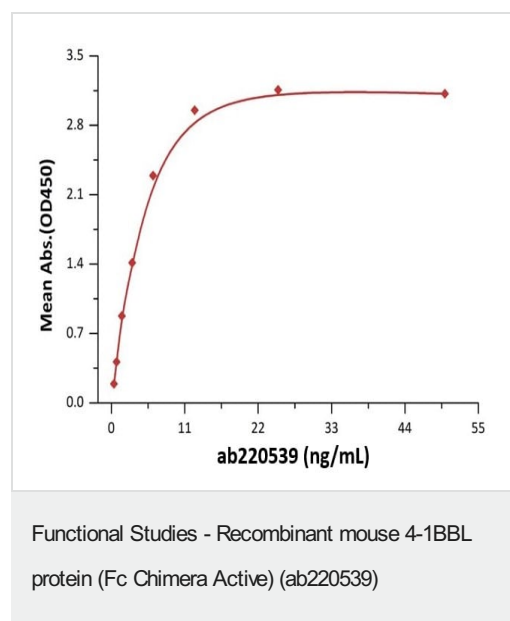
### Sequence similarities

Belongs to the tumor necrosis factor family.

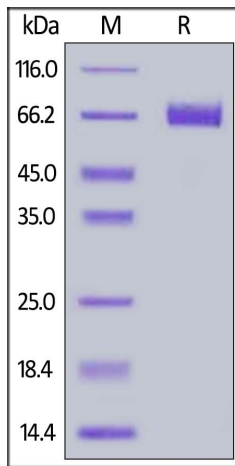
### Cellular localization

Membrane.

## Images



Immobilized Mouse 4-1BB, His Tag at 0.5 µg/mL (100 µL/well) can bind Mouse 4-1BBL protein (Fc Chimera Active) (ab220539) with a linear range of 0.4-6 ng/mL.



SDS-PAGE - Recombinant mouse 4-1BBL protein  
(Fc Chimera Active) (ab220539)

Mouse 4-1BBL protein (Fc Tag) on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue.

The protein migrates as 64-80 kDa under reducing conditions due to glycosylation.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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