

# Recombinant Human Catenin beta-1/CTNNB1 Protein

Catalog No.: RP01241 Recombinant 1 Publications

### **Sequence Information**

Species Gene ID Swiss Prot Human 1499 P35222-1

### **Tags**

C-His

### **Synonyms**

CTNNB; MRD19; armadillo;CTNNB1;MRD19;armadillo;beta Catenin; CTNNB; catenin beta-1

### **Product Information**

Source	Purification
E. coli	≥ 90 % as
	determined by SDS-
	PAGE.

# Calculated MW Observed MW

86.33 kDa 100-110 kDa

### **Endotoxin**

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

### **Formulation**

Lyophilized from a 0.22 µm filtered solution of 50mM Tris,150mM NaCl, pH 8.0Contact us for customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

### Contact

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## **Background**

### **Basic Information**

### **Description**

Recombinant Human Catenin beta-1/CTNNB1 Protein is produced by  $E.\ coli$  expression system. The target protein is expressed with sequence (Met1-Leu781) of human Beta-catenin (Accession #XP\_016861227.1) fused with a 6×His tag at the C-terminus.

### **Bio-Activity**

Measured by its binding ability in a functional ELISA. Immobilized Human CD31 at 1  $\mu$ g/mL (100  $\mu$ L/well) can bind Human CTNNB1 with a linear range of 0.3-4.9  $\mu$ g/ml.

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

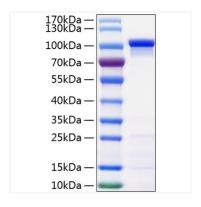
Avoid repeated freeze/thaw cycles.

### **Operational Notes**

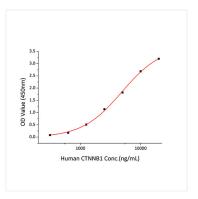
For your safety and health, please wear a lab coat and disposable gloves for handling.

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# **Validation Data**



Recombinant Human Catenin beta-1/CTNNB1 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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