

# Recombinant Human Catenin beta-1/CTNNB1 Protein

Catalog No.: RP01241

## Sequence Information

**Species**      **Gene ID**  
Human          1499

**Swiss Prot**    **Tags**  
P35222-1      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.

## 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.

#### Activity

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

#### Shipping

Lyophilized proteins are shipped at ambient temperature.  
Liquid proteins are shipped at frozen temperature with dry ice.  
Upon receipt, store it immediately at the temperature recommended below.

#### Storage

Store at -20°C

#### Operational Notes

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

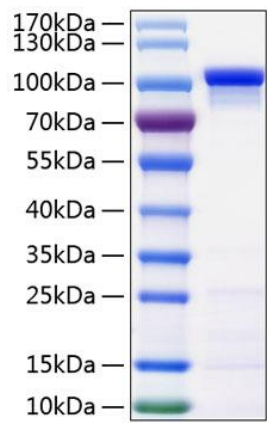
## Contact

☎ | 400-999-6126

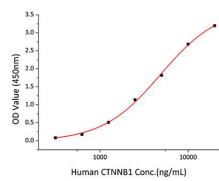
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Validation Data



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



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