

RP01241

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# Recombinant Human Catenin beta-1/CTNNB1 Protein

Catalog No.: RP01241

Recombinant

1 Publications

## Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	1499	P35222-1

### Tags

C-His

### Synonyms

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

## Product Information

Source	Purification
<I>E. coli</I>	> 90% by SDS-PAGE.

### Endotoxin

< 1.0 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 stabilizer (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 <I>E. coli</I> 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 μg/mL (100 μL/well) can bind Human CTNNB1 with a linear range of 0.3-4.9 μg/mL.

### Storage

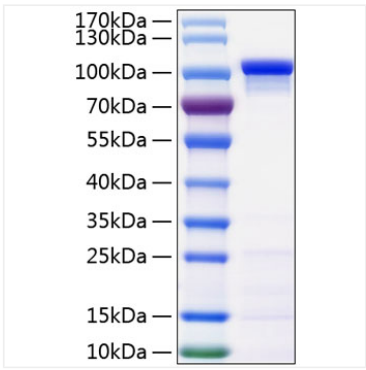
Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. <br/>After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

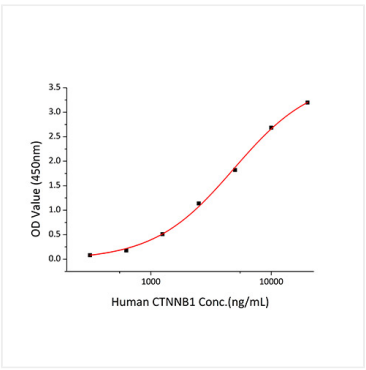


[www.abclonal.com](http://www.abclonal.com)

## Validation Data



Active Recombinant Human Catenin beta-1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 100-110 kDa.



Immobilized Human CD31 at 1  $\mu\text{g/mL}$  (100  $\mu\text{L}$ /well) can bind Human CTNNB1 with a linear range of 0.3-4.9 $\mu\text{g/mL}$ .