Recombinant Human Catenin beta-1/CTNNB1 Protein

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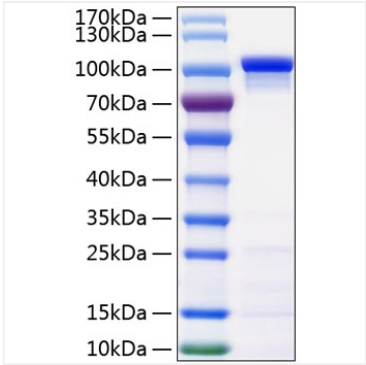
Bio-Activity
Measured by its binding ability in a functional ELISA. Immobilized Human CD31 at 1
µg/mL (100 µL/well) can bind Human CTNNB1 with a linear range of 0.3-4.9 µg/ml.

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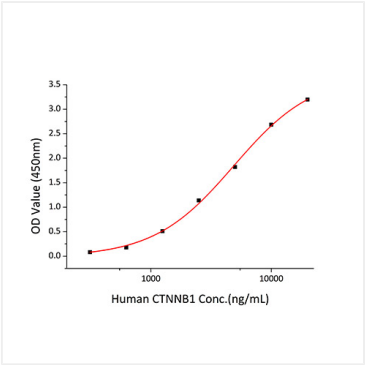After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for
up to 1 week.
Avoid repeated freeze/thaw cycles.

* 在本公司产品为科研用途，仅供体外检测，不能用于临床诊断或治疗。

Validation Data

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

Immobilized Human CD31 at 1 μg/mL (100 μL/well) can bind Human CTNNB1 with a linear range of 0.3-4.9μg/mL.