

Recombinant Human CTNNB1 Protein

Catalog Number:PDEH100082



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Catenin beta-1;Beta-catenin;CTNNB;OK;SW-cl.35;PRO2286
Species	Human
Expression Host	E.coli
Sequence	Met131-Tyr670
Accession	P35222
Calculated Molecular Weight	59.0 kDa
Observed molecular weight	59 kDa
Tag	N-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Background

Key downstream component of the canonical Wnt signaling pathway. In the absence of Wnt, forms a complex with AXIN1, AXIN2, APC, CSNK1A1 and GSK3B that promotes phosphorylation on N-terminal Ser and Thr residues and ubiquitination of CTNNB1 via BTRC and its subsequent degradation by the proteasome.

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