

Catenin beta Recombinant Protein | CTNNB1 recombinant protein

Catenin beta recombinant protein

CATALOG # AAA72898	HOST Sf9 insect cells	APPLICATIONS Western Blot
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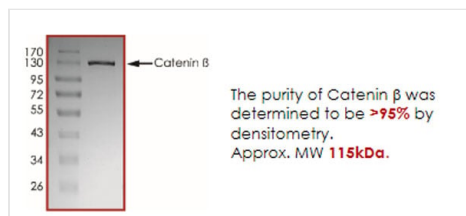
PRODUCT SYNONYMS

Catenin beta; Catenin beta recombinant protein; CTNNB; FLJ25606; Catenin b Protein; CTNNB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Purity/Purification	>95%
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Concentration	0.2 ug/ul (varies by lot)
Sequence Length	3720
Applicable Applications for CTNNB1 recombinant protein	WB (Western Blot)
Type	Recombinant Fusion Protein
Species	Human
Tag Information	GST tag
Expression System	Sf9 insect cells using baculovirus
Source Note	Recombinant full-length human Catenin beta was expressed by baculovirus in Sf9 insect cells
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CTNNB1 recombinant protein	Recombinant full-length human Catenin beta was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is (NM_001904) Scientific Background: beta-catenins are cytoplasmic proteins that are ubiquitously expressed. These proteins associate with E-cadherin at cellular junctions (1). beta-catenin interacts with TCF and LEF transcription factors and is an essential member of the Wingless-Wnt signal transduction pathway. The adenomatous polyposis coli (APC) tumor-suppressor protein, together with Axin and GSK3beta, form a Wnt-regulated signaling complex that mediates phosphorylation-dependent degradation of beta-catenin by the proteasome. APC and Siah-1 mediate a novel beta-catenin degradation pathway linking p53 activation to cell cycle control. Activating mutations in the human β-catenin gene have been found in human colon cancer and melanomas (2).
Product Categories/Family for CTNNB1 recombinant protein	Transcription Proteins; Signaling Proteins - Transcription Proteins
References	1. Morin, P.J. et al: Activation of beta-catenin-Tcf signaling in colon cancer by mutations in beta-catenin or APC. Science 1997; 275(5307):1787-1790. 2. Liu, J. et al: Siah-1 mediates a novel beta-catenin degradation pathway linking p53 to the adenomatous polyposis coli protein. Mol. Cell. 2001;7(5):927-36.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148228165
NCBI GeneID	1499
NCBI Accession #	NP_001895.1
NCBI GenBank Nucleotide #	NM_001904
UniProt Accession #	P35222; Q8NEW9; Q8NI94; Q9H391; A8K1L7
Molecular Weight	~115kDa
NCBI Official Full Name	Homo sapiens catenin (cadherin-associated protein), beta 1, 88kDa (CTNNB1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	catenin (cadherin-associated protein), beta 1, 88kDa
NCBI Official Symbol	CTNNB1
NCBI Official Synonym Symbols	CTNNB; MRD19; armadillo
NCBI Protein Information	catenin beta-1
UniProt Protein Name	Catenin beta-1
UniProt Gene Name	CTNNB1
UniProt Synonym Gene Names	CTNNB
UniProt Entry Name	CTNB1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ctnnb1-recombinant-protein-sf9-wb-western-blot/72898>