

Recombinant Human CTNNB1 protein, His&GST-tagged

Cat. No. CTNNB1-3891H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTNNB1 protein(P35222-1) (Met 1-Leu 781) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-781 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, 10% gly, pH 8.0.
Bio-activity	Measured by its ability to bind biotinylated mouse ERBB2 in a functional ELISA.
Molecular Mass	The recombinant human CTNNB1/GST chimera consists of 1018 amino acids and has a calculated molecular mass of 113 kDa. It migrates as an approximately 116 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 87 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CTNNB1 catenin (cadherin-associated protein), beta 1, 88kDa [Homo sapiens]

Official Symbol CTNNB1

Synonyms CTNNB1; catenin (cadherin-associated protein), beta 1, 88kDa; catenin (cadherin associated protein), beta 1 (88kD), CTNNB; catenin beta-1; beta catenin; CTNNB; FLJ25606; FLJ37923; DKFZp686D02253;

Gene ID 1499

mRNA Refseq NM_001098209

Protein Refseq NP_001091679

MIM 116806

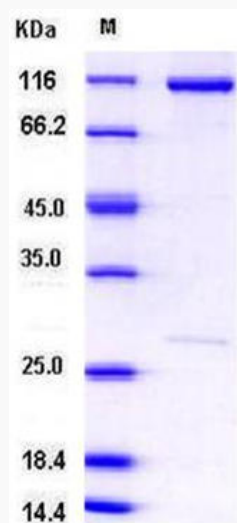
UniProt ID P35222

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SDS-PAGE



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