

# Recombinant Human CTNNB1 protein(Met1-Leu781), His&GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CTNNB1 (P35222-1) (Met 1-Leu 781) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-781 a.a.
<b>Form</b>	Lyophilized from sterile 50mM Tris, 150mM NaCl, 25% glycerol, pH 8.0, 0.1mM EDTA, 1mM TCEP, 0.4mM PMSF, 0.5mM GSH Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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

<b>Gene Name</b>	CTNNB1 catenin (cadherin-associated protein), beta 1, 88kDa [ Homo sapiens ]
<b>Official Symbol</b>	CTNNB1
<b>Synonyms</b>	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;
<b>Gene ID</b>	1499
<b>mRNA Refseq</b>	NM_001098209
<b>Protein Refseq</b>	NP_001091679
<b>MIM</b>	116806
<b>UniProt ID</b>	P35222

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