

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	1-781 a.a.
Form	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.
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	> 85 % as determined by SDS-PAGE
Storage	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

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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