

Recombinant Mouse Ctnnb1 protein(Met1-Leu781), His&GST-tagged

Cat. No. Ctnnb1-7398M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CTNNB1 (Q02248) (Met1-Leu781) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-781 a.a.
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% gly Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CTNNB1/GST chimera consists of 1018 amino acids and has a calculated molecular mass of 113 kDa. The recombinant protein migrates as an approximately 115 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % 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 [Mus musculus]
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Official Symbol	Ctnnb1
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Synonyms	CTNNB1; catenin (cadherin associated protein), beta 1; catenin beta-1; beta-catenin; Bfc; Mesc; Catnb;
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Gene ID	12387
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mRNA Refseq	NM_001165902
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Protein Refseq	NP_001159374
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