

Active Recombinant Human CTNNB1 protein, His-tagged

Cat. No. CTNNB1-10HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTNNB1 protein(Met1-Leu781), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-781 aa
Form	Lyophilized from a 0.22 µm filtered solution of 50mM Tris,150mM NaCl, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human CD31 at 1 µg/mL (100 µL/well) can bind Human CTNNB1 with a linear range of 0.3-4.9 µg/mL.
Molecular Mass	86.33 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

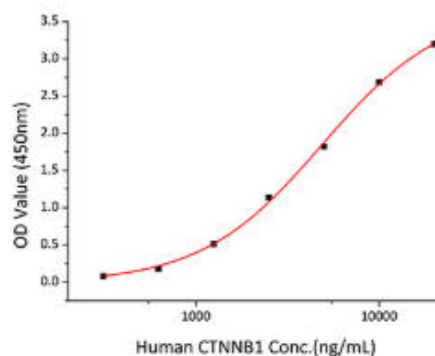
Gene Name	CTNNB1 catenin (cadherin-associated protein), beta 1, 88kDa [Homo sapiens]
Official Symbol	CTNNB1
Synonyms	CTNNB1; catenin (cadherin-associated protein), beta 1, 88kDa; catenin (cadherin associated protein), beta 1 (88kD) , CTNNB; catenin beta-1; beta catenin; CTNNB; FLJ25606; FLJ37923; DKFZp686D02253;
Gene ID	1499
mRNA Refseq	NM_001098209
Protein Refseq	NP_001091679
MIM	116806
UniProt ID	P35222

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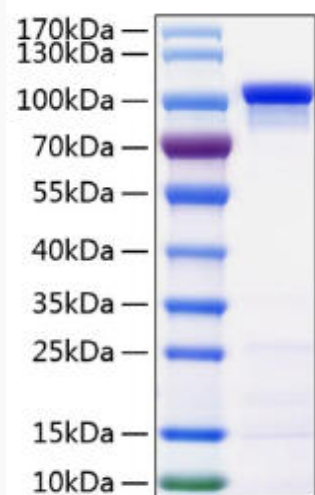
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Activity



SDS-PAGE



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