

Recombinant Rat Ctnnb1 protein, His-tagged

Cat. No. Ctnnb1-5749R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ctnnb1 aa. (Leu409~Asp665 (Accession # Q9WU82)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu409~Asp665
Description	Involved in mediating the interaction between cadherins and the actin cytoskeleton.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Ctnnb1 catenin beta 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Ctnnb1

Synonyms

Ctnnb1; catenin beta 1; Catnb; catenin beta-1; beta-catenin; catenin (cadherin associated protein), beta 1, 88kDa

Gene ID

84353

mRNA Refseq

NM_053357.2

Protein Refseq

NP_445809.2

UniProt ID

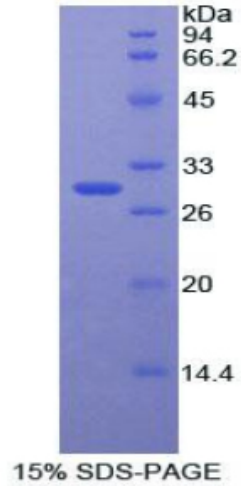
Q9WU82

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SDS-PAGE



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