

Datasheet for ABIN1350670

CTNNB1 Protein (AA 1-781) (GST tag)

1 Image

1 Publication



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Overview

Quantity:	10 µg
Target:	CTNNB1
Protein Characteristics:	AA 1-781
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTNNB1 protein is labelled with GST tag.
Application:	ELISA, Western Blotting (WB), Antibody Array (AA), Affinity Purification (AP)

Product Details

Purpose:	CTNNB1 (Human) Recombinant Protein (P01)
Sequence:	<p>MATQADLMEL DMAMEPDRKA AVSHWQQQSY LDSGIHSGAT TTAPSLSGKG NPEEEDVDTS QVLYEWEQGF SQSFTQEQA DIDGQYAMTR AQRVRAAMFP ETLDEGMQIP STQFDDAAHPT NVQRLAEPSQ MLKHAVVNL NYQDDAELAT RAIPELTKLL NDEDQVVVNK AAVMVHQLSK KEASRHAIMR SPQMVSAIVR TMQNTNDVET ARCTAGTLHN LSHHREGLLA IFKSGGIPAL VKMLGSPVDS VLFYAITTLH NLLHQEGAK MAVRLAGGLQ KMVALLNKTN VKFLAITTDC LQILAYGNQE SKLIILASGG PQALVNIMRT YTYEKLLWTT SRVLKVLVSV SSKNKAIVEA GGMQALGLHL TDPSQRLVQN CLWTLRNLSD AATKQEGMEG LLGTLVQLLG SDDINVVTCA AGILSNLTCN NYKNKMMVCQ VGGIEALVRT VLRAGDREDI TEPAICALRH LTSRHQEAEM AQNARLHYG LPVVVKLLHP PSHWPLIKAT VGLIRNLALC PANHAPLREQ GAIPRLVQLL VRAHQDTQRR TSMGGTQQQF VEGVRMEEIV EGCTGALHIL ARDVHNRIVI RGLNTIPLFV QLLYSPIENI QRVAAGVLCE LAQDKEAAEA IEAEGATAPL TELLHSRNEG VATYAAAVLF</p>

Product Details

RMSEDKPQDY KKRLSVELTS SLFRTEPMAW NETADLGLDI GAQGEPLGYR QDDPSYRSFH
SGGYGQDALG MDPMMEHEMG GHHPGADYPV DGLPDLGHAQ DLMDGLPPGD SNQLAWFDTD L

Characteristics: Human CTNNB1 full-length ORF (XP_001133675.1, 1 a.a. - 781 a.a.) recombinant protein with GST-tag at N-terminal.

Purification: in vitro wheat germ expression system

Target Details

Target: CTNNB1

Alternative Name: CTNNB1 ([CTNNB1 Products](#))

Background: Full Gene Name: catenin (cadherin-associated protein), beta 1, 88 kDa
Synonyms: CTNNB,DKFZp686D02253,FLJ25606,FLJ37923

Gene ID: 1499

NCBI Accession: [XM_001133675](#)

Pathways: [WNT Signaling](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Muscle Cell Differentiation](#), [Cell-Cell Junction Organization](#), [Tube Formation](#), [Maintenance of Protein Location](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

Publications

Product cited in: Bian, Bai, Chapin, Le Moellic, Dong, Caplan, Sigworth, Navaratnam: "Interactions between β -catenin and the HSlo potassium channel regulates HSlo surface expression." in: **PLoS ONE**, Vol. 6, Issue 12, pp. e28264, (2011) ([PubMed](#)).

Images



Image 1.