Datasheet for ABIN7479156

CTNNB1 Protein (AA 2-781, partial) (GST tag)

1 Image

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Overview

Quantity:	100 µg
Target:	CTNNB1
Protein Characteristics:	AA 2-781, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTNNB1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	ATQADLMELD MAMEPDRKAA VSHWQQQSYL DSGIHSGATT TAPSLSGKGN PEEEDVDTSQ VLYEWEQGFS QSFTQEQVAD IDGQYAMTRA QRVRAAMFPE TLDEGMQIPS TQFDAAHPTN VQRLAEPSQM LKHAVVNLIN YQDDAELATR AIPELTKLLN DEDQVVVNKA AVMVHQLSKK EASRHAIMRS PQMVSAIVRT MQNTNDVETA RCTAGTLHNL SHHREGLLAI FKSGGIPALV KMLGSPVDSV LFYAITTLHN LLLHQEGAKM AVRLAGGLQK MVALLNKTNV KFLAITTDCL QILAYGNQES KLIILASGGP QALVNIMRTY TYEKLLWTTS RVLKVLSVCS SNKPAIVEAG GMQALGLHLT DPSQRLVQNC LWTLRNLSDA ATKQEGMEGL LGTLVQLLGS DDINVVTCAA GILSNLTCNN YKNKMMVCQV GGIEALVRTV LRAGDREDIT EPAICALRHL TSRHQEAEMA QNAVRLHYGL PVVVKLLHPP SHWPLIKATV GLIRNLALCP ANHAPLREQG AIPRLVQLLV RAHQDTQRRT SMGGTQQQFV EGVRMEEIVE GCTGALHILA RDVHNRIVIR GLNTIPLFVQ LLYSPIENIQ RVAAGVLCEL AQDKEAAEAI EAEGATAPLT ELLHSRNEGV ATYAAAVLFR MSEDKPQDYK KRLSVELTSS LFRTEPMAWN ETADLGLDIG AQGEPLGYRQ DDPSYRSFHS

Product Details

	GGYGQDALGM DPMMEHEMGG HHPGADYPVD GLPDLGHAQD LMDGLPPGDS NQLAWFDTDL
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	CTNNB1
Alternative Name:	Catenin beta-1 protein (CTNNB1 Products)
Background:	Involved in the regulation of cell adhesion. The majority of beta-catenin is localized to the cell membrane and is part of E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton. Ref.34 Involved in signal transduction through the Wnt pathway. Nuclear beta-catenin it involved in transcriptional regulation by association with transcription factors of the TCF/LEF family
Molecular Weight:	112.7 kD
UniProt:	P35222
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

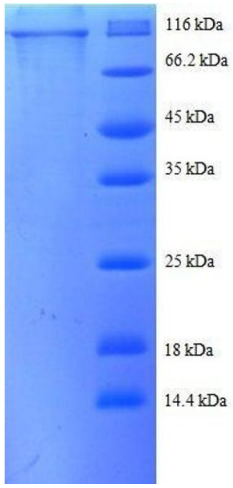
Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Images



SDS-PAGE

Image 1. Catenin (Cadherin-Associated Protein), beta 1, 88kDa (CTNNB1) (AA 2-781), (partial) protein (GST tag)