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## Datasheet for ABIN2713222 CTNNB1 Protein (DYKDDDDK Tag)

Image

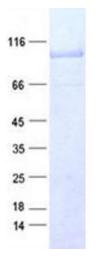


## Overview

Quantity:20 μgTarget:CTNNB1Origin:HumanSource:Insect cells (Sf9)Protein Type:RecombinantPurification tag / ConjugateThis CTNNB1 protein is labelled with DYKDDDDK Tag.Application:Antibody Production (AbP), Standard (STD)Product Details-Product Details-Purify:-Purify:-80 % as determined by SDS-PAGE and Coomassie blue stainingPurify:S0 % as determined by SDS-PAGE and Coomassie blue stainingTarget:CTNNB1Target:CTNNB1Alternative Name:Catenin beta-1 (CTNNB1 Products)Background:The protein encoded by this gene is part of a complex of protein start constitute adherens junctions (AJS). AJs are necessary for the creation and maintenance of epithelial cell layers by regulating cell growth and adhesion between cells. The encoded protein also anchors the actin cytoskeleton and may be responsible for transmitting the contact inhibition signal that causes		
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	cells to stop dividing once the epithelial sheet is complete. Finally, this protein binds to the
	product of the APC gene, which is mutated in adenomatous polyposis of the colon. Mutations
	in this gene are a cause of colorectal cancer (CRC), pilomatrixoma (PTR), medulloblastoma
	(MDB), and ovarian cancer. Alternative splicing results in multiple transcript variants.
Molecular Weight:	85 kDa
NCBI Accession:	NP_001895
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:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only
Handling	
Concentration:	50 μg/mL
Buffer:	50 mM Tris-HCl, pH 8.0, 100 mM glycine, 10 % glycerol. Store at -80C. Avoid repeated freeze-
	thaw cycles. Stable for at least 3 months from receipt of products under proper storage and
	handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot

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