

Product datasheet for TP313265

CTNNA3 (NM_013266) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human catenin (cadherin-associated protein), alpha 3 (CTNNA3), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213265 representing NM_013266 Red=Cloning site Green=Tags(s)

MSAETPITLNIDPQDLQVQFTFTVEKLEPLIIQVTTLVNCPQNPSSRKKGRSKRASVLLASVEEATWNLL
DKGEKIAQEATVLKDELTASLEEVKRESEALKVSAERFTDDPCFLPKREAVVQAARALLAAVTRLLILAD
MIDVMCLLQHVSFAFQRTFESLKNVANKSDLQKTYQKLGKELENLDYLAFKRQQDLKSPNQRDEIAGARAS
LKENSPLLHSICSACLEHSDVASLKASKDVTCEEIQNALNVISNASQGIQNMTPPEPQAATLGSALDEL
ENLIVLNPLTVTEEEIRPSLEKRLEAIIISGAALLADSSCTRDLHRERIIAECNAIRQALQDLLSEYMNNA
GKKERSNTLNIALDNMCKTRDLRRQLRKAIIDHVSDSFLDITVPLLVLIEAAKNGREKEIKEYAAIFHE
HTSRLVEVANLACSMSTNEDGIKIVKIAANHLETLCPIINAALAAARPKSQAVKNTMEMYKRTWENHI
HVLTEAVDDITSIDDFLAVSESHILEDVNKCIALRDQDADNLDRAAGAIRGRAARVAHIVTGEMDSYEP
GAYTEGVMRNVNFLTSTVIPEFVTQVNVALEALSKSSLNVLDDNQFVDISKIYDTIHDIRCSVMMIRTP
EELEDVSDLEEEHEVRSHTSIQTEGKTDRAKMTQLPEAEKEKIAEQVADFVKVSKLDAEIEIWDSDTSND
IIVLAKNMCMIMMEMTDFTRGKGLKHTTDVIYAAKMISESGSRMDVLRQIANQCPDPSCKQDLLAYLE
QIKFYSHQLKICSQVKAIEIQNLGGELIMSALDSVTSLIQAAKNLMAVAVVQTVKMSYIASTKIIRIQSPAG
PRHPVVMWRMKAPAKKPLIKREKPEETCAAVRRGSAKKKIHPLQVMSEFRGRQIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

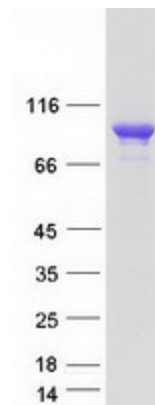
Tag:	C-Myc/DDK
Predicted MW:	99.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_037398
Locus ID:	29119
UniProt ID:	Q9UI47 , A8K141
RefSeq Size:	3024
Cytogenetics:	10q21.3
RefSeq ORF:	2685
Synonyms:	ARVD13; VR22
Summary:	This gene encodes a protein that belongs to the vinculin/alpha-catenin family. The encoded protein plays a role in cell-cell adhesion in muscle cells. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia, familial 13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]
Protein Pathways:	Adherens junction, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Endometrial cancer, Leukocyte transendothelial migration, Pathways in cancer, Tight junction

Product images:



Coomassie blue staining of purified CTNNA3 protein (Cat# TP313265). The protein was produced from HEK293T cells transfected with CTNNA3 cDNA clone (Cat# [RC213265]) using MegaTran 2.0 (Cat# [TT210002]).