

## Product datasheet for TP313265L

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213265 representing NM_013266 Red=Cloning site Green=Tags(s)

MSAETPITLNIDPQDLQVQFTFTVEKLEPLIIQVTTLVNCPQNPSSRKKGRSKRASVLLASVEEATWNLL  
DKGEKIAQEATVLKDELTASLEEVKKESEALKVSAERFTDDPCFLPKREAVVQAARALLAAVTRLLILAD  
MIDVMCLLQHVSFAFQRTFESLKNVANKSDLQKTYQKLGKELENLDYLAFKRQQDLKSPNQRDEIAGARAS  
LKENSPLLHSICSACLEHSDVASLKASKDVTCEEIQNALNVISNASQGIQNMTPPEPQAATLGSALDEL  
ENLIVLNPLTVTEEEIRPSLEKRLEAIIISGAALLADSSCTRDLHRERIIAECNAIRQALQDLLSEYMNNA  
GKKERSNTLNIALDNMCKKTRDLRRQLRKAIIDHVSDSFLDITVPLLVLIEAAKNGREKEIKEYAAIFHE  
HTSRLVEVANLACSMSTNEDGIKIVKIAANHLETLCPIINAALAAARPKSQAVKNTMEMYKRTWENHI  
HVLTEAVDDITSIDDFLAVSESHILEDVNKCIALRDQDADNLDRAAGAIRGRAARVAHIVTGEMDSYEP  
GAYTEGVMRNVNFLTSTVIPEFVTQVNVALEALSKSSLNVLDDNQFVDISKIYDTIHDRCSVMMIRTP  
EELEDVSDLEEEHEVRSHTSIQTEGKTDRAKMTQLPEAEKEKIAEQVADFVKVSKLDAEIEIWDSDTSND  
IIVLAKNMCMIMMEMTDFTRGKGPLKHTTDVIYAAKMISESGSRMDVLRQIANQCPDPSCQDLLAYLE  
QIKFYSHQLKICSQVKAIEIQNLGGELIMSALDSVTSLIQAAKNLMAVAVVQTVKMSYIASTKIIRIQSPAG  
PRHPVVMWRMKAPAKKPLIKREKPEETCAAVRRGSAKKKIHPLQVMSEFRGRQIY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

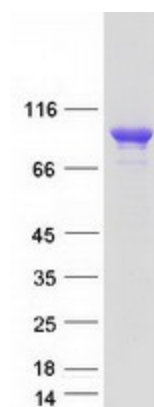
Tag:	C-Myc/DDK
Predicted MW:	99.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_037398</a>
<b>Locus ID:</b>	29119
<b>UniProt ID:</b>	<a href="#">Q9UI47</a> , <a href="#">A8K141</a>
<b>RefSeq Size:</b>	3024
<b>Cytogenetics:</b>	10q21.3
<b>RefSeq ORF:</b>	2685
<b>Synonyms:</b>	ARVD13; VR22
<b>Summary:</b>	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]
<b>Protein Pathways:</b>	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]).