

Product datasheet for **TP322771M**

CTNND1 (NM_001085458) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human catenin (cadherin-associated protein), delta 1 (CTNND1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC222771 representing NM_001085458
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MDDSEVESTASILASVKEQEAQFEKLTRALEEERRHVSAQLERVRVSPQDANPLMANGTLRRHQNGRFV
GDADLERQKFSDLKLNQPQDHSLLYSTIPRMQEPGQIVETYTEEDPEGAMSVSVETSDDGTRRTETT
VKKVVKTVTRTVQPVAMGPDGLPVDASSVSNYIQLGRDFRKNNGGGPGPYVGQAGTATLPRNFHYPP
DGYSRHYEDGYPGSDNYGSLSRVTRIEERYRPSMEGYRAPSQRQDVYGPQPQVRVGGSSVDLHRFHPEPY
GLEDDQRSMGYDDL DYGMMSDYGTARRTGTPSDPRRRLRSYEDMIGEEVPSDQYYWAPLAQHERGSLASL
DSLKKGPPPNWRQPELPEVIAMLGFRLDVAKSNAAYLQHLCYRNDKVKTDVRKLGKIPVLVGLLDHP
KKEVHLGACGALKNISFGRDQDNKIAIKNCDGVPALVRLLRKARDMDLTEVITGTLWNLSSHDSIKMEIV
DHALHALTDEVIIPHSGWEREPNEDCKPRHIEWESVLTNTAGCLRNVSSEARRKLRCDGLVDALIF
IVQAEIGQKSDSKLVENCVLLRNLSYQVHREIPQAERYQEAAPNVANNTGPHAASCFGAKKKGKDEWFS
RGKKPIEDPANDTVDFPKRTSPARGYELLFQPEVVRIYISLLKESKTPAILEASAGAIQNL CAGRWTYGR
YIRSALRQEKALSAIADLLTNEHERVKAASGALRNLAVDARNKELIGKHAIPNLVKNLPGGQQNSSWNF
SEDTVISILNTINEVIAENLEAAKKLRETQGIEKLVLINKSGNRSEKEVRAAALVLQTIWGYKELRKPLE
KEGWKKSDFQVNLNNASRSQSSHSDSTLPLIDRNQKSDKKPDREEIQMSNMGSNTKSLDNNYSTPNER
GDHNRTLDRSGDLGDMEPLKGTTPLMQDEGQESLEEELDVLVLDDEGGQVSYPSMQKI

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

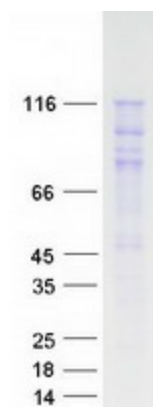
Tag:	C-Myc/DDK
Predicted MW:	108 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_001078927
Locus ID:	1500
UniProt ID:	O60716
RefSeq Size:	6363
Cytogenetics:	11q12.1
RefSeq ORF:	2904
Synonyms:	BCDS2; CAS; CTNND; p120; p120(CAS); p120(CTN); P120CAS; P120CTN
Summary:	This gene encodes a member of the Armadillo protein family, which function in adhesion between cells and signal transduction. Multiple translation initiation codons and alternative splicing result in many different isoforms being translated. Not all of the full-length nature of the described transcript variants have been determined. Read-through transcription also exists between this gene and the neighboring upstream thioredoxin-related transmembrane protein 2 (TMX2) gene. [provided by RefSeq, Dec 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Adherens junction, Leukocyte transendothelial migration

Product images:



Coomassie blue staining of purified CTNND1 protein (Cat# [TP322771]). The protein was produced from HEK293T cells transfected with CTNND1 cDNA clone (Cat# [RC222771]) using MegaTran 2.0 (Cat# [TT210002]).