

Product datasheet for PH322771

CTNND1 (NM_001085458) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CTNND1 MS Standard C13 and N15-labeled recombinant protein (NP_001078927)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222771
Predicted MW:	108.2 kDa
Protein Sequence:	>RC222771 representing NM_001085458 Red=Cloning site Green=Tags(s)

MDDSEVESTASILASVKEQEAQFEKLTRALEEERRHVSAQLERVRVSPQDANPLMANGTLTRRHQNGRFV
GDADLERQKFSDLKLNQPQDHSLLYSTIPRMQEPGQIVETYTEEDPEGAMSVSVETSDDGTTTRTETT
VKKVVKVTVTRTVQPVAMGPDGLPVDASSVSNNYIQTGRDFRKNNGGPGPYVQGAGTATLPRNFHYPP
DGYSRHYEDGYGGSDNYGSLSRVTRIEERYRPSMEGYRAPSQRQDVYGPQVVRVGGSSVDLHRFHPEPY
GLEDDQRSMGYDDL DYGMSDYGTARRTGTPSDPRRRLRSYEDMIGEEVPSDQYYWAPLAQHERGSLASL
DSLKGGPPPPNWRQPELPEVIAMLGFRLDVKSNAAYLQHLCYRNDKVKTDVRKLGIPVLVGLLDHP
KKEVHLGACGALKNISFGRDQDNKIAIKNCDGVPALVRLLRKARDMDL TEVITGTLWNLSSHDSIKMEIV
DHALHALTDEVIIPHSWEREPNEDCKPRHIEWESVL TNTAGCLRNVSSERSEARRKLRECDGLVDALIF
IVQAEIGQKSDSKLVENCVCLLRNLSYQVHREIPQAERYQEAAPNVANNTGPHAASCFGAKKKGDEWFS
RGKKPIEDPANDTVDFPKRTSPARGYELLFQPEVVRIYISLLKESKTPAILEASAGAIQNLCAGRWYGR
YIRSALRQEKALSAIADLLTNEHERVVKASGALRNLAVDARNKELIGKHAIPNLVKNLPGGQQNSSWNF
SEDTVISILNTINEVIAENLEAAKLRRETQGIEKLV L INKSGNRSEKEVRAAALV LQTIWGYKELRKPLE
KEGWKKSDFQVNLNNASRSQSSHSYDDSTLPLIDRNQKSDKKPDREEIQMSNMGSNTKSLDNNYSTPNER
GDHNRTLDRSGDLGDMEPLKGTTPLMQDEGQESLEEELDVLVLDDEGGQVSYPMSQKI

SGP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.



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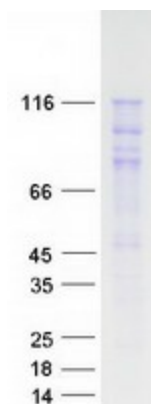
RefSeq:	NP_001078927
RefSeq Size:	6363
RefSeq ORF:	2904
Synonyms:	BCDS2; CAS; CTNND; p120; p120(CAS); p120(CTN); P120CAS; P120CTN
Locus ID:	1500
UniProt ID:	O60716
Cytogenetics:	11q12.1

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 natures 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]).