

Product datasheet for TP526707

Ctnnd1 (NM_007615) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse catenin (cadherin associated protein), delta 1 (Ctnnd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR226707 representing NM_007615
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MDDSEVESTASILASVKEQEAQFEKLTRALEEERRHVSAQLERVRVSPQDANSLMANGTLRRHQNGRFV
GDADLERQKFSDLKLNQPQDHNHLLYSTIPRMQEPGQIVETYTEEDPEGAMSVSVETDDGTTRRTETT
VKKVVKMTTRTVQPVPMGPDGLPVDASAVSNNYIQLGRDFRKNNGGGPGPYVQAGTATLPRNFHYPP
DGYGRHYEDGYPGGSDNYGSLSRVTRIEERYRPSMEGYRAPSQRQDVYGPQPQVRVGGSSVDLHRFHPEPY
GLEDDQRSMGYDDL DYGMMSDYGTARRTGTPSDPRRRLRSYEDMIGEEVPPDQYYWAPLAQHERGSLASL
DSLKMGMPSPSNWRQPELPEVIAMLGFRLDVAVKSNAAAYLQHLCYRNDKVKTDVRKLGKIPILVGLLDHP
KKEVHLGACGALKNISFGRDQDNKIAIKNCDGVPALVRLLRKARDMDLTEVITGTLWNLSSHDSIKMEIV
DHALHALTDEVIIPHSGWEREPNEDCKPRHIEWESVLTNTAGCLRNVSSEARRKLRCDGLVDALIF
IVQAEIGQKSDSKLVENCVLLRNLSYQVHREIPQAERYQEALPTVANSTGPHAASCFGAKKKGDEWFS
RGKKPTEDPANDTVDFPKRTSPARGYELLFQPEVRIYISLLKESKTPAILEASAGAIQNL CAGRWTYGR
YIRSALRQEKALSAIAELLTSEHERVKAASGALRNLAVDARNKELIGKHAIPNLVKNLPGGQQNSSWNF
SEDTVVSILNTINEVIAENLEAAKKLRETQGIEKLVLINKSGNRSEKEVRAALVLQTIWGYKELRKPLE
KEGWKKSDFQVNLNNASRSQSSHSYDDSTLPLIDRNQKSDKKPDREEIPMSNMGSNTKSLDNNYSTLNER
GDHNRTLDRSGDLGDMEPLKGAPLMQKI

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	105.4 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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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 after receiving vials.
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_031641
Locus ID:	12388
UniProt ID:	P30999
RefSeq Size:	5475
Cytogenetics:	2 49.45 cM
RefSeq ORF:	2814
Synonyms:	AA409437; AU019353; Catns; Ctnnd; mKIAA0384; P120
Summary:	Binds to and inhibits the transcriptional repressor ZBTB33, which may lead to activation of target genes of the Wnt signaling pathway (By similarity). Associates with and regulates the cell adhesion properties of both C-, E- and N-cadherins, being critical for their surface stability. Implicated both in cell transformation by SRC and in ligand-induced receptor signaling through the EGF, PDGF, CSF-1 and ERBB2 receptors. Promotes GLIS2 C-terminal cleavage. [UniProtKB/Swiss-Prot Function]