

## Product datasheet for TP527442

### Cdh2 (NM\_007664) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cadherin 2 (Cdh2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227442 representing NM_007664 Red=Cloning site Green=Tags(s)

MCRIAGAPRTLLPLLAALLQASVEASGEIALCKTGFPEDVYSAVLPKDVHEGQPLLNVKFSNCNRKRKVVQ  
YESSEPADFKVDEEDGTYYAVRSFPLTAEQAKFLIYAQDKETQEKWQVAVNLSREPTLTEPMKEPHEIEE  
IVFPRQLAKHSGALQRQKRDWWIPPINLPENSRGPFQELVRIRSDRDKNLSLRYSVTGPADQPPTGIF  
IINPISGQLSVTKPLDRELIARFHLRAHAVDINGNQVENPIDIVINVIDMNDNRPEFLHQVWNGSVPEGS  
KPGTYVMTVAIDADDPNALNGMLRYRILSQAPSTSPNMFTINNETGDIITVAAGLDREKVQYTLIIQ  
ATDMEGNPTYGLSNTATAVITVTDVNDNPPEFTAMTFYGEVPENRVDVIVANLTVTDKDPHTPAWNAAY  
RISGGDPTGRFAILDPNSNDGLVTVVKPIDFETNRMFVLTVAAENQVPLAKGIQHPPQSTATVSVTVID  
VNENPYFAPNPKIIRQEGLHAGTMLTTLTAQDPDRYMQQNIRYTKLSDPANWLKIDPVNGQITTIIVLD  
RESPNVKNNIYNATFLASDNGIPPMSGTGLQIYLLDINDNAPQVLPQEAETCETPEPNSINITALDYDI  
DPNAGPFAFDLPLSPVTIKRNWTINRLNGDFAQLNLKIKFLEAGIYEVPIIITDSGNPPKSNISILRVKV  
CQCDSNGDCTDVRIVGAGLGTGAIILLIILLVLMFVWWMKRRDKERQAKQLLIDPEDDVRDNI  
LKYDEEGGGEEDQDYDLSQLQPDTVEPDAIKPVGIRRLDERPIHAEPQYPVRSAAHPGDIGDFINEGL  
KAADNDPTAPPYDSSLVFDYEGSGSTAGSLSSLNSSSSGGDQDYDYLNDWGPFRFKKLADMYGGGDD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	100.2 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
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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<b>Storage:</b>	Store at -80°C after receiving vials.
<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_031690</a>
<b>Locus ID:</b>	12558
<b>UniProt ID:</b>	<a href="#">P15116</a> , <a href="#">Q3UIC2</a> , <a href="#">Q8BSI9</a>
<b>RefSeq Size:</b>	4646
<b>Cytogenetics:</b>	18 10.1 cM
<b>RefSeq ORF:</b>	2718
<b>Synonyms:</b>	CDHN; N-C; N-CAD; Nc; Ncad
<b>Summary:</b>	This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Mice lacking the encoded protein exhibit severe developmental defects resulting in embryonic death. [provided by RefSeq, Oct 2015]