

## Product datasheet for TP314524M

### PCDH10 (NM\_020815) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protocadherin 10 (PCDH10), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214524 representing NM_020815 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MIVLLLFWLWMEGVFSQLHYTVQEEQEHGTFVGNIAEDLGLDITKLSARGFQTPNSRTPYLDLNLET  
GVLYVNEKIDREQICKQSPSCVLHLEVFLNPLELFQVEIEVLDINDNPPSPPEPDLTVEISESATPGTR  
FPLESAFDPDVGTNSLRDYEITPNSYFSLDVQTQGDGNRFAELVLEKPLDREQQAVHRYVLTAVDGGGGG  
GVGEGGGGGGAGLPPQQRTGTALLTIRVLDSNDNVPAFDQPVYTVSLPENSPPGTLVIQLNATDPDEG  
QNGEVVYFSSHISPRARELFGSPRTGRLEVSGELDYEESPVYQVYVQAKDLGPNVPAHCKVLVRVLD  
ANDNAPEISFSTVKEAVSEGAAPGTWALFSVTDRESENGQVQCELLGDVPFRLKSSFKNYYTIVTEAP  
LDREAGDSYTLTVARDRGEALSTSKSIQVQVSDVNDNAPRFSQPVDVYVTENNVPGAYIYAVSATDR  
DEGANAQLAYSILECQIQGMSVFTYVSINSENGYLYALRSFDYEQKDFSFQVEARDAGSPQALAGNATV  
NILIVDQNDNAPAIVAPLPGRNGTPAREVLPRAEPGYLLTRVAVDADDGENARLTYSIVRGNEMNLFR  
MDWRTGELRTARRVPAKRDPQRPYELVIEVRDHGQPPLSSTATLWVQLVDGAVEPQGGGGGGGGSGEHQ  
RPSRSGGGGETSLDLTLILIALGVSFIFLLAMIVLAVRCQKEKLNIIYTCASDCCCLCCCGGGGSGC  
CGRQARARKKLSKSDIMLVQSSNVPSNPAQVPIEESGGFGSHHHNQNYCYQVCLTPESAKTDLMLFKPC  
SPSRSTDTEHNPCGAIVTGYTDQQPDIISNGSILSNEVRLKRKDHHLSSPPSESL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

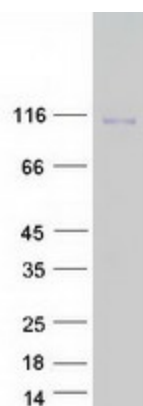
Tag:	C-Myc/DDK
Predicted MW:	94.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_065866</a>
<b>Locus ID:</b>	57575
<b>UniProt ID:</b>	<a href="#">Q9P2E7</a>
<b>RefSeq Size:</b>	3935
<b>Cytogenetics:</b>	4q28.3
<b>RefSeq ORF:</b>	2688
<b>Synonyms:</b>	OL-PCDH; PCDH19
<b>Summary:</b>	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This family member contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein is a cadherin-related neuronal receptor thought to function in the establishment of specific cell-cell connections in the brain. This gene plays a role in inhibiting cancer cell motility and cell migration. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2015]
<b>Protein Families:</b>	Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified PCDH10 protein (Cat# [TP314524]). The protein was produced from HEK293T cells transfected with PCDH10 cDNA clone (Cat# [RC214524]) using MegaTran 2.0 (Cat# [TT210002]).