

Product datasheet for TP314524L

PCDH10 (NM_020815) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human protocadherin 10 (PCDH10), transcript variant 2, 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC214524 representing NM_020815
Red=Cloning site Green=Tags(s)

MIVLLLFWLWMEGVFSQLHYTVQEEQEHGTFVGNIAEDLGLDITKLSARGFQTPNSRTPYLDLNLET
 GVLYVNEKIDREQICKQSPSCVLHLEVFLNPLELFQVEIEVLDINDNPPSPFPEPDLTVEISESATPGTR
 FPLESADFDPVGTNSLRDYEITPNSYFSLDVQTQGDGNRFAELVLEKPLDREQQAVHRYVLTAVDGGGGG
 GVGEGGGGGGAGLPPQQRTGTALLTIRVLDSNDNVPADFQPVYTVSLPENSPPGTLVIQLNATDPDEG
 QNGEVVYFSSHISPRARELFGSPRTGRLEVSGELDYEESPVYQVYVQAKDLGPNVPAHCKVLVRVLD
 ANDNAPEISFSTVKEAVSEGAAPGTWALFSVTDRESENGQVQCELLGDVPFRLKSSFKNYYTIVTEAP
 LDREAGDSYTLTVARDRGEALSTSKSIQVQVSDVNDNAPRFSQPVDVYVTENNVPGAYIYAVSATDR
 DEGANALAYSILECQIQGMSVFTYVSINSENGYLYALRSFDYEQLKDFSFQVEARDAGSPQALAGNATV
 NILIVDQNDNAPAIVAPLGRNGTPAREVLPRAEPGYLLTRVAVDADDGENARLTYSIVRGNEMNLFR
 MDWRTGELRTARRVPAKRDPQRPYELVIEVRDHGQPPLSSTATLWVQLVDGAVEPQGGGGGGGGSGEHQ
 RPSRSGGGETSLDLTLILIALGVSFIFLLAMIVLAVRCQKEKLNIIYTCASDCCLCCCCGGGGSTC
 CGRQARARKKLSKSDIMLVQSSNVPSNPAQVPIEESGGFGSHHHNQNYCYQVCLTPESAKTDLMLFKPC
 SPSRSTDTEHNPCGAIVTGYTDQQPDIISNGSILSNEVRLKRKDHHLSSPPSESL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

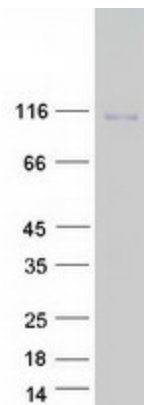
Tag: C-Myc/DDK
Predicted MW: 94.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



[View online »](#)

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_065866
Locus ID:	57575
UniProt ID:	Q9P2E7
RefSeq Size:	3935
Cytogenetics:	4q28.3
RefSeq ORF:	2688
Synonyms:	OL-PCDH; PCDH19
Summary:	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]
Protein Families:	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]).