

Product datasheet for **TP314524**

PCDH10 (NM_020815) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human protocadherin 10 (PCDH10), transcript variant 2, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC214524 representing NM_020815
Red=Cloning site **Green**=Tags(s)

MIVLLLFWLWMEGVFSQLHYTVQEEQEHGTFVGNIAEDLGLDITKLSARGFQVTPNSRTPYLDLNLET
GVLYVNEKIDREQICKQSPSCVLHLEVFLNPLELFQVEIEVLDINDNPPSPFPEPDLTVEISESATPGTR
FPLESAFDPDVGTNSLRDYEITPNSYFSLDVQTQGDGNRFAELVLEKPLDREQQAVHRYVLTAVDGGGGG
GVGEGGGGGGAGLPPQQRTGTALLTIRVLDSNDNVPAFDQPVYTVSLPENSPPGTLVIQLNATDPDEG
QNGEVVYFSSHISPRARELFGSPRTGRLEVSGELDYEESPVYQVYVQAKDLGPNVPAHCKVLVRVLD
ANDNAPEISFSTVKEAVSEGAAPGTWALFSVTDRESENGQVQCELLGDVPFRLKSSFKNYYTIVTEAP
LDREAGDSYTLTVARDRGEALSTSKSIQVQVSDVNDNAPRFSQPVDVYVTENNVPAGAIYAVSATDR
DEGANAQLAYSILECQIQGMSVFTYVSINSENGYLYALRSFDYEQLKDFSFQVEARDAGSPQALAGNATV
NILIVDQNDNAPAIVAPLPRNGTPAREVLPRAEPGYLLTRVAVDADDGENARLTYSIVRGNEMNLFR
MDWRTGELRTARRVPAKRDPQRPYELVIEVRDHGQPPLSSTATLWVQLVDGAVEPQGGGGGGGGSGEHQ
RPSRSGGGETSLDLTLILIALGVSFIFLLAMIVLAVRCQKEKLNITCLASDCCCLCCCGGGGSGC
CGRQARARKKLSKSDIMLVQSSNVPSNPAQVPIEESGGFGSHHHNQNYCYQVCLTPESAKTDLMLFKPC
SPSRSTDTEHNPCGAIVTGYTDQQPDIISNGSILSNEVRLKRKDHHLSSPPSESL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

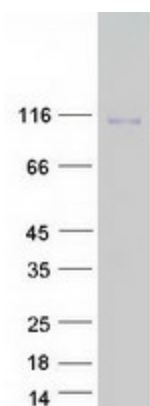
Tag: C-Myc/DDK
Predicted MW: 94.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity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



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|--------------------------|---|
| 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]).