

Product datasheet for TP306023

PCDH8 (NM_002590) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human protocadherin 8 (PCDH8), transcript variant 1, 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC206023 protein sequence
Red=Cloning site Green=Tags(s)

MSPVRRWGSPLFPLQLFSLCWVLSVAQSKTVRYSTFEEDAPGTVIGTLAEDLHMKVSGDTSFRLMKQFN
 SSLLRVREGDGQLTVGDAGLDRERLCGQAPQCFLAFDVSFSQEQFRLVHVEVEVRDNDHAPRFPRAQI
 PVEVSEGAAGVTRIPLEVPVDEEDVGANGLQTVRLAEPHSPFRVELQTRADGAQCADLVLQELDRESQAA
 YSLELVAQDGGRRPSATAALSVRLDANDHSPAFPQGAVAEVELAEDAPVGSLLLDLDAADPDEGPNGD
 VVFAFGARTPPEARLFRLDPRSGRLTAGPVDYERQDTYELDVRAQDRGPGPRAATCKVIVRIRDVNDN
 APDIAITPLAAPGAPATSPFAAAAAAAAAALGGADASSPAGAGTPEAGATSLVPEGAARES LVALVSTSDRD
 SGANGQVRCALYGHEHFRLLQPAYAGSYLVVTAASLDRERIAEYNLTLVAEDRGAPPLRTPYTVRVGDE
 NDNAPLFRPVYEVSVRENNPPGAYLATVAARDRLGRNGQVTYRLLAEVGRAGGAVSTYVSDPATGA
 IYALRSFDYETLRQLDVRIQASDGGSPQLSSALVQVRVLDQNDHAPVLVHPAPANGSLEVAVPGRRTAKD
 TVVARVQARDADEGANGELAFELQQQEPREFAIGRRTGEILLTGDLSEQPPGRVFRALLVISDGGRPPL
 TTTATVSFVVTAGGGRGPAAPASAGSPERSRPPGSR LGVSGSVLQWDTPLIIVLAGSCTLLLAIIAI
 ATTCNRRKKEVRKGGALREERPGAAGGGASAPGSPEEAARGAGPRPNMFDVLTFTPGTGKAPFGCPAADAP
 PPAVAAA E VPGSEGG SATGESACHFEGQQLRGAHAEPY GASPFGKEPAPPVAVWKGH SFNTISGREAE
 KFSGKDSGKGDSDFNDS DSDISGDALKKDLINHM QSGLWACTAECKILGHSDRCWSPSCSGPNAHPS PHP
 PAQMSTFCKSTSLPRDPLRRDNYYQAQLPKTVGLQSVYEKVLHRDYDRTVTLSPRRPGRPLDLQEIGVP
 LYQSPPGRYLSPKKGANENV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

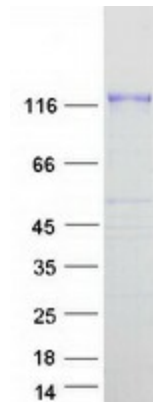
Tag: C-Myc/DDK
Predicted MW: 109.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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_002581
Locus ID:	5100
UniProt ID:	O95206 , Q5TAN1
RefSeq Size:	4077
Cytogenetics:	13q14.3
RefSeq ORF:	3210
Synonyms:	ARCADLIN; PAPC
Summary:	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails. [provided by RefSeq, Jul 2008]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified PCDH8 protein (Cat# TP306023). The protein was produced from HEK293T cells transfected with PCDH8 cDNA clone (Cat# [RC206023]) using MegaTran 2.0 (Cat# [TT210002]).