

## Product datasheet for **TP306968M**

### PCDH17 (NM\_001040429) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protocadherin 17 (PCDH17), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206968 representing NM_001040429 Red=Cloning site Green=Tags(s)

MYLSICCCFLLWAPALTLKLNLYSVPEEQGAGTVIGNIGRDARLQPGLPAAERGGGGRSKSGSYRVLENS  
APHLLDVDADSGLLYTKQRIDRESLCRHNACQLSLEVFANDKEICMIKVEIQDINDNAPSFSSDQIEMD  
ISENAAPGTRFPLTSAHDPDAGENGLRITYLLTRDDHGLFGLDVKSRGDGTFPELVIQKALDREQQNHHT  
LVLTAALDGGEPPTSATVQINVKVIDSNDNSPVFEAPSYLVELPENAPLGTVIDLNATDADEGPNGEVLY  
SFSSYVDRVRELFSDPKTGLIRVKGNDLDEENGMLEIDVQARDLGNPIPAHCKVTVKLIDRNDNAPS  
IGFVSVRQALSEAAPPGTVIALVRVTD RDSGKNGQLQCRVLGGGGTGGGGGLGGPGGSVPFKLEENYDN  
FYTVVTDRPLDRETQDEYNVTIVARDGGSPPLNSTKSFAIKILDENDNPPRFTKGLYVLQVHENNIPGEY  
LGSVLAQDPDLGQNGTVSYSILPSHIGDVSITYVSVNPTNGAIYALRSFNFEQTKAFEFKVLAKDSGAP  
AHLESNATVRVTVLDVNDNAPVIVLPTLQNDTAEQVPRNAGLGYLVSTVRALDSDFGESGRLTYEIVDG  
NDDHLFEIDPSSGEIRTLHPFWEDVTPWVELVKVTDH GKPTLSAVAKLIIRSVSGSLPEGVPRVNGEQH  
HWDMSLPLIVTLSTISIILLAAMITIAVKCKRENKEIRTYNCRIAESHYPQLGGGKGGKKKINKNDIMLV  
QSEVEERNAMNVMNVVSSPLATSPMYFDYQTRLPLSSRSEVMYLKPA SNLTVPQGHAGCHTSFTGQG  
TNAETPATRMSIIQTDNFPAEPNYMGRQQFVQSSTFKDPERASLRDSGHGSDSDQADSDQDTNKGSCC  
DMSVREALKMKTTSTKSQPLEQEPEECVNCTDECRVLGHSDRCWMPQFPAANQAENADYRTNLFVPTVEA  
NVETETYETVNPTGKKTCTFGKDKREHTILIANVKPYLKAKRALSPLLQEVPSASSSPTKACIEPCTST  
KGSLDGCEAKPGALAEASSQYLP TDSQYLSPSKQPRDPPFMASDQMARVFADVHSRASRDSSEMGA VLEQ  
LDHPNRDLGRESVDAEEVVREIDKLLQDCRGNDPVA VRK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

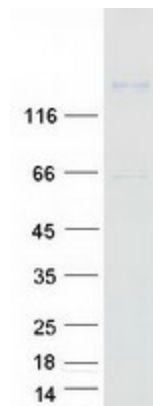
Tag:	C-Myc/DDK
Predicted MW:	124.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<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_001035519</a>
<b>Locus ID:</b>	27253
<b>UniProt ID:</b>	<a href="#">O14917</a>
<b>RefSeq Size:</b>	8009
<b>Cytogenetics:</b>	13q21.1
<b>RefSeq ORF:</b>	3477
<b>Synonyms:</b>	PCDH68; PCH68
<b>Summary:</b>	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein contains six extracellular cadherin domains, a transmembrane domain, and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein may play a role in the establishment and function of specific cell-cell connections in the brain. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified PCDH17 protein (Cat# [TP306968]). The protein was produced from HEK293T cells transfected with PCDH17 cDNA clone (Cat# [RC206968]) using MegaTran 2.0 (Cat# [TT210002]).