

## Product datasheet for TP312526L

### PCLKC (CDHR2) (NM\_017675) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protocadherin 24 (PCDH24), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212526 representing NM_017675 Red=Cloning site Green=Tags(s)

MAQLWLSCFLLPALVVSVAANVAPKFLANMTSVILPEDLPVGAQAFWLVAEDQDNDPLTYGMSGPNAYFF  
AVTPKTGEVKLASALDYETLYTFKVTISVSDPYIQVQREMLVIVEDRNDNAPVFQNTAFSTSINETLPVG  
SVVFSVLAVDKDMGSAGMVVYSIEKVIPSTGDSEHLFRILANGSIVLNGSLSYNNKSAFYQLELKACDLG  
GMYHNTFTIQCSLPVFLSISVVDQPDLDPQVREFYASVAEDAAGKTSVLTVEAVDGDGKINDPVIYSI  
SYSTRPGWFDIGADGVIRVNGSLDREQLLEADEEVQLQVTATETHLNIYQEAKVSIVWTVRVMVDVNDHK  
PEFYNCSLPACTFTPEEAQVNFTGYVDEHASPRIPIDDLTMVYDPPDKGSNGTFLLSLGGPDAAEFVSP  
ERAAGSASVQVLRVSALVDYERQTAMAVQVATDSVSQNFVAMVTIHLRDINDHRPTFPQSLYVLTVP  
EHSATGSVVTDSIHATDPDTGAWGQITYSLLPGNGADLFQVDPVSGTVTVRNGELLDRESQAVYYLTLQA  
TDGGNLSSTTLQIHLDDINDNAPVVSYSYINIFVQEEEGNVSVTIQAHDNDEPGTNNRLLFNLLPGPYS  
HNFSLDPDTGLLRNLGPLDREAIDPALEGRIVLTVLVSDCGEPVLGTVKVNVTITVEDINDNLPFNQSSY  
NFTVKEEDPGVLVGVKAWDADQTEANNRISFSLSGSANYFMIRGLVLGAGWAEGLRLLPPDVSLDYET  
QPVFNLTVSAENPDPQGGETIVDVCVNVKDVNDNPPTLDVASLRGIRVAENGSGHQVAVVWASDVDTSA  
QLEIQLVNI LCTKAGVDVGLCWGWFSVAANGSVYINQSKAIDYACDLVTLVWRACDLATDPGFQAYSN  
NGSLITIEDVNDNAPYFLPENKTFVIIPELVLPNREVASVRARDDSGNNGVILFSLRVDFISKDGAT  
IPFQGVFSIFTSSEADVFAFSIQPVTSLDSTLQGTQVTVQARDRPSLGPFLAATTLNLFTVDQSYRSR  
LQFSTPKEEVGANRQAINAALTQATRITVYIVDIQDIDSAARARPHSYLDAYFVFPNGSALTDEL SVMI  
RNDQDSL TQLLQLGLVWLG SQESQESDLSKQLISVIIGLVALLLVIMTMAFVCVRKSYNRKLQAMKA  
AKEARKTAAGVMPSAPAIPGTNMYNTERANPMLNLPNKDLGLEYLSPSNDLDSVSVNSLDDNSVDVDKNS  
QEIKEHRPPHTPPEPDPEPLSVLLGRQAGASGQLEGPSYTNAGLDTTDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

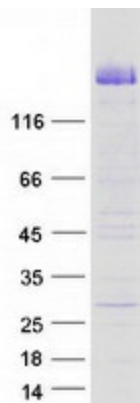
Tag:	C-Myc/DDK
Predicted MW:	141.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<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_060145</a>
<b>Locus ID:</b>	54825
<b>UniProt ID:</b>	<a href="#">Q9BYE9</a>
<b>RefSeq Size:</b>	4116
<b>Cytogenetics:</b>	5q35.2
<b>RefSeq ORF:</b>	3930
<b>Synonyms:</b>	PCDH24; PCLKC
<b>Summary:</b>	This gene is a member of the protocadherin family, which represents a subset of the larger cadherin superfamily. The members of the protocadherin family encode non-classical cadherins that function as calcium-dependent cell-cell adhesion molecules. This protocadherin represents a new candidate for tumor suppression. Alternatively spliced transcript variants that encode the same protein have been identified. [provided by RefSeq, Jan 2010]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified CDHR2 protein (Cat# [TP312526]). The protein was produced from HEK293T cells transfected with CDHR2 cDNA clone (Cat# [RC212526]) using MegaTran 2.0 (Cat# [TT210002]).