

Product datasheet for **TP511582**

Pcdh8 (NM_021543) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse protocadherin 8 (Pcdh8), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR211582 representing NM_021543
Red=Cloning site **Green**=Tags(s)

MSPAKRWGSPCLFPLQLFSLCWVLSVAQSKTVRYSTFEEDAPGTVIGTLAEDLHMKVSGDTSFRLMKQFN
SSLLRVREGDQQLTVGDAGLDRERLCGPSPQCVLAFDVSFSQEQFRLVHVEVEVRDNDHAPRFRAQI
PVEVSEAPVGTTRIPLEVPVDEDVGANGLQSVRLAEPHSPFRVELQTRADGAQCADLVLLQELDRESQAS
YSLELVAQDGGRRPSATAALSVRVLDANDHSPAFPQGAVA EVELAEDAPVGSLLLDLDAADPDEGPNGD
VVFTFGARTPPEARHLFRLDPRSGRLTAGQVDYERQDTYELDVRAQDRGPGPRTATCKVIVRIRDVNDN
APEISITPLAAPGAPATSPFAAAAAAAAAALGGADAASSTGSGTQEAGITSLVPEGAARES LVALVSTSDRD
SGANGQVRCALYGHEHFR LQPAYAGSYLVVTAASLDRERIAEYNLTLVAEDRGTPPLRTPRYPYTVRVGDE
NDNAPIFTKPVYEVSVRENNPPGAYLATVAARDPDVGRNGQVTYRLVEAEVGRSGEAVSTYVSDPATGA
IYALRSFDYETLRQLDVRVQASDGGSPQLSSNALVQVRVLDQNDHSPILVHPAPANGSLEVAVPGRSTKD
TAVARIQARDADEGANGELAFDLLQQEPREAFSIRGHTGEIMLTGDLSEQPPGRVFKALLVISDGGRRPPL
TTTATVSFVVTAGGGS AVPASSGSPEHSRPPGSR LAPS GPSLQWDTPLMIVLAGSCTLLLAIIAIAT
TCNRRKKEVRKGGALREERPGAAGGGASAPGSPDETARGTGPRPNMFDVLTFFPGSGKAPFGSPAADAPP
AVAAA E VPGSEGG SATGESACHFEGQQLRGAAEPY GASPGFGKEPAAPPVAVWKGHSFNTISGREAEK
FSGKDSGKGDSDFNDS DSDISGDALKKDLINHM QSGLWACTAECKILGHSDRCWSPSCAGPNVHPPHPP
AQMSTFCKSTSLPRDPLRRDNYYQAQLPKTVGLQSVYEKVLHRDYDRTVTLSSPPRPGRLPDLQEIGVPL
YESPPGSRVSPKKGINENV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 113.7 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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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 after receiving vials.
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_067518
Locus ID:	18530
UniProt ID:	Q7TSK3
RefSeq Size:	4003
Cytogenetics:	14 42.76 cM
RefSeq ORF:	3210
Synonyms:	1700080P15Rik; P; Papc
Summary:	<p>This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes a type I transmembrane protein composed of an extracellular domain including 6 cadherin ectodomains, a single-pass transmembrane domain and a cytoplasmic tail. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons with the first large exon encoding the extracellular and transmembrane region. Although this gene product is capable of homophilic interaction, it appears to affect cell-cell adhesion indirectly by initiating signaling events that regulate classical cadherin-mediated adhesion. Based on studies on this protein and its orthologs, this protocadherin mainly functions in developing embryos and the central nervous system, but can also function as a tumor suppressor. Alternative splicing yielding isoforms with unique cytoplasmic tails has been reported. [provided by RefSeq, Sep 2009]</p>