

Product datasheet for PH306023

PCDH8 (NM_002590) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PCDH8 MS Standard C13 and N15-labeled recombinant protein (NP_002581)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206023
Predicted MW:	113 kDa
Protein Sequence:	>RC206023 protein sequence Red=Cloning site Green=Tags(s)

MSPVRRWGSPCLFPLQLFSLCWVLSVAQSKTVRYSTFEEDAPGTVIGTLAEDLHMKVSGDTSFRLMKQFN
SSLLRVREGDGLTVGDAGLDRERLCGQAPQCVLAFDVVSFSQEQFRLVHVEVEVRDNDHAPRFPRAQI
PVEVSEGAAVGTRIPLEVPVDEVDGANGLQTVRLAEPHSPFRVELQTRADGAQCADLVLLQELDRESQAA
YSLELVAQDGGRRPPRSATAALSVRVLDANDHSPAFPQGAVEVELAEDAPVGSLLLDLDAADPDEGPNGD
VVFAGGARTPPEARRLFRLDPRSGRLTLAGPVDYERQDTYELDVRAQDRGPGPRAATCKVIVRIRDVNDN
APDIAITPLAAGAPATSPFAAAAAAALGGADASSPAGAGTPEAGATSLVPEGAARESVALVSTSDRD
SGANGQVRCALYGHEHFRLQPAYAGSYLVVTAASLDRERIAEYNLTVAEDRGAPPLRTVVRPYTVRVGDE
NDNAPLFRPVEVSVRENNPPGAYLATVAARDRDLGRNGQVYRLLAEVGRAGGAVSTVYVSDPATGA
IYALRSFDYETLRQLDVRIQASDGGSPQLSSSALVQVRVLDQNDHAPVLVHPAPANGSLEVAVPGRTAKD
TVVARVQARDADEGANGELAFELQQQEPREAFATGRRTGEILLTGDLSEQPPGRVFRALLVISDGGRPPL
TTTATVSVFVVTAGGGRGPAAPASAGSPERSRPPGSRLLGVSGSVLQWDTPLIVIIIVLAGSCTLLAAIIAI
ATTCNRRKKEVRKGGALREERPGAAGGGASAPGSPEEAARGAGPRPNMFDVLTFFPGTGKAPFGCPAADAP
PPAVAAAEVPGSEGGSATGESACHFEQQRLRGAHAEPYGASPGFGKEPAPPVAVWKGHSFNTISGREAE
KFSGKDSGKGDSDFNDSDSISGDALKKDLINHMQSGLWACTAECKILGHSDRCWSPSCSGPNAHPSHP
PAQMSTFCKSTSLPRDPLRRDNYQAQLPKTVGLQSVYEKVLHRDYDRTVTLSPPRPGRLPDLQEIGVP
LYQSPPGRYLSPKKGANENV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

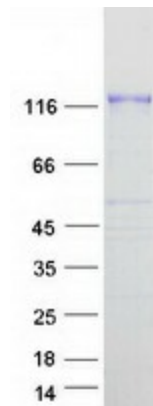
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3



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Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002581</u>
RefSeq Size:	4077
RefSeq ORF:	3210
Synonyms:	ARCADLIN; PAPC
Locus ID:	5100
UniProt ID:	<u>O95206</u> , <u>Q5TAN1</u>
Cytogenetics:	13q14.3
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]).