

Product datasheet for PH323033

PCDH7 (NM_032457) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PCDH7 MS Standard C13 and N15-labeled recombinant protein (NP_115833)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223033
Predicted MW:	132.4 kDa
Protein Sequence:	>RC223033 representing NM_032457 Red=Cloning site Green=Tags(s)

MLRMRTAGWARGWCLGCCLLLPLSLSLAAKQLLRYRLAEEGPADVRIGNVASDLGIVTGSGEVTFSL
GSEYLKIDNLTGELSTERRIDREKLPQCQMI FDENECFLDFEVSIVIGPSQSWVDLFEQQVIVLDINDNT
PTFPSPVLTLTVEENRPVGTLYLLPTATDRDFGRNGIERYELLQEPGGGGSGGESRRAGAADSAPYGGG
GNGASGGGSGSKRRLDASEGGGTNPGGRSSVFELQVADTPDGEKQPQLIVK GALDREQRDSYELTLRV
RDGGDPPRSSQAILRVLITDVNDNSPRFEKSVYEADLAENSAPGTPILQLRAADLDVGVNGQIEYVFGAA
TESVRRLLRLDETSGLSVLHRIDREEVNQLRFTVMARDRGQPPKTDKATVVLNIKDENDNVPSIEIRKI
GRIPLKDGVANVAEDVLVDTPIALVQVSDRDQGENGVVCTVVGDVFPFQLKPASDTEGDQNKKKYFLHTS
TPLDYEATREFNVVIVAVDSGSPSLSSNNSLIVKVGDTNDNPPMFGQSVVEVYFPENNIPGERVATVLAT
DADSGKNAEIAYSLDSSVMGIFAIDPDSGDILVNTVLDREQTDREYEFKVNADKGIPLVQSTTVIVQVA
DKNDNDPKFMQDVFTFYVKENLQPNSPVMVTVMADKGRNAEMSLYIEENNNIFSIENDTGTIYSTMSF
DREHQTTYTFRVKAVDGGDPPRSATATVSLFVMDENDNAPTVTLPKNISYTLPPSSNVRTVVATVLATD
SDDGINADLNYSIVGGNPFKLFEDPTSGVVSLVGKLTQKHYGLHRLVVQVNDSGQPSQSTTTLVHVFVN
ESVSNATAIDSQIARSLHIPLTQDIAGDPSYEISKQRLSIVIGVAGIMTVILIIILIVVMARYCRSKNKN
GYEAGKDHEDFFTPQQHDKSKPKKDKKKNKSKQPLYSIVTVEASKPNGQRYDSVNEKLSDSPSMGRY
RSVNGGPGSPDLARHYKSSSPLPTVQLHPQSPTAGKKHQAVQDLPPANTFVGAGDNISIGSDHCSEYSCQ
TNNKYSKQPFRRVTF SVVSQPDPHQGSLQSCYDSGLEESETPSSKSSSGPRLGALPLPEDNYERTTPDG
SVDSRPLPDVALTGKCTRECDEYGHSDSCWMPVRTSPERKKSQPKLSTFMPVDERGSQEKLANGEAAIMG
DRNRNLLNKKLTSSYETFSAASF SKNEEANPEDIPLTKTGEYKPSPVNTLTRREYVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

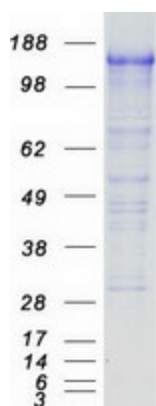
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
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:	NP_115833
RefSeq Size:	4893
RefSeq ORF:	3741
Synonyms:	BH-Pcdh; BHPCDH; PPP1R120
Locus ID:	5099
UniProt ID:	O60245
Cytogenetics:	4p15.1
Summary:	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes a protein with an extracellular domain containing 7 cadherin repeats. The gene product is an integral membrane protein that is thought to function in cell-cell recognition and adhesion. Alternative splicing yields isoforms with unique cytoplasmic tails. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified PCDH7 protein (Cat# [TP323033]). The protein was produced from HEK293T cells transfected with PCDH7 cDNA clone (Cat# [RC223033]) using MegaTran 2.0 (Cat# [TT210002]).