

Product datasheet for TP323033M

PCDH7 (NM_032457) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protocadherin 7 (PCDH7), transcript variant c, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223033 representing NM_032457 Red=Cloning site Green=Tags(s)

MLRMRTAGWARGWCLGCCLLLPLSLSLAAAKQLLRYRLAEEGPADVIRGNVASDLGIVTGSGEVTFSL
GSEYLKIDNLTGELSTSERRIDREKLPQCQMIFDENECFLDFEVSIVIGPSQSWVDLFEQVIVLDINDNT
PTFSPVLTLTVEENRPVGTLYLLPTATDRDFGRNGIEREYELLQEPGGGGSGGESRRAGAADSAPYPGGG
GNGASGGGSGSKRRLDASEGGGTNPGRSSVFELQVADTPDGEKQPQLIVKALDREQRDSYELTLRV
RDGGDPPRSSQAILRVLITVDNNSPRFEKSVYEADLAENSAPGTPILQLRAADLDVGVNGQIEYVFGAA
TESVRRLLRLDETSWLSVLHRIDREEVNLRFVTMARDRGQPPKTDKATVVLNIKDENDNVPSIEIRKI
GRIPLKDGVANVAEDVLVDTPIALVQVSDRDQGENGVVTCTVWGDVFPQLKSPASDTEGDQNKKKYFLHTS
TPLDYEATREFNVVIVAVDSGSPSLSSNNSLIVKVGDTNDNPPMFGQSVVEVYFENNIPGERVATLAT
DADSGKNAEIAYSLDSSVMGIFAIDPDSGDILVNTVLDREQTDRYEFKVNADKDGIPVLQGSTTVIVQVA
DKNDNDPKFMQDVFTFYKLENLQPNSPVGMVTVMDADKGRNAEMSLYIEENNNIFSIENDTGTIYSTMSF
DREHQTTYTFRVKAVDGGDPPRSATATVSLFVMDENDNAPTITLTKNISYLLPPSSNVRTVAVATLATD
SDDGINADLNYSIVGGNPFKLFIDPTSGWVSLVGLTKQKHYGLHRLVQVNDVSGQPSQSTTLVHVFN
ESVSNATAIDSQIARSLHIPLTQDIAGDPSYEISKQRLSIVIGVVAGIMTVILILIVVMARYCRSKNKN
GYEAGKKDHEDFFTPQQHDKSKKPKKDKKNKSKQPLYSSIVTVEASKPNGQRYDSVNEKLSDSPSMGRY
RSVNGGPGSPDLARHYKSSSPLPTVQLHPQSPTAGKKHQAVQDLPPANTFVGAGDNISIGSDHCSEYSCQ
TNNKYSKQPFRRVTFVSVSQPDHPQGLQSCYDSGLEESETPSSKSSSGPRLGALPLPEDNYERTTDPG
SVDSRPLPDVALTGKCTRECDEYGHSDSCWMPVRTSPERKKSQPKLSTFMPVDERGSQEKLANGEAAIMG
DRNRNLLNKKLTSSYETFSAASFKNNEANPEDIPLTKTGEYKPSPVNTLTRREVYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

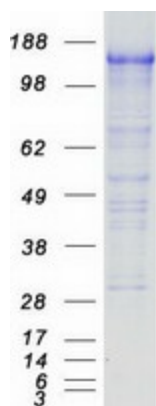
Tag:	C-Myc/DDK
Predicted MW:	132.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_115833
Locus ID:	5099
UniProt ID:	O60245
RefSeq Size:	4893
Cytogenetics:	4p15.1
RefSeq ORF:	3741
Synonyms:	BH-Pcdh; BHPCDH; PPP1R120
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]).