

## Product datasheet for TP323033L

### PCDH7 (NM\_032457) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human protocadherin 7 (PCDH7), transcript variant c, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223033 representing NM_032457 Red=Cloning site Green=Tags(s)

MLRMRTAGWARGWCLGCCLLLPLSLSLAAAKQLLRYRLAEEGPADVIRGNVASDLGIVTGSGEVTFSL  
GSEYLKIDNLTGELSTSERRIDREKLPQCQMIFDENECFLDFEVSIVIGPSQSWVDLFEQVIVLDINDNT  
PTFSPVLTLTVEENRPVGTLYLLPTATDRDFGRNGIERYELLQEPGGGGSGGESRRAGAADSAPYPGGG  
GNGASGGGSGSKRRLDASEGGGTNPGRSSVFELQVADTPDGEKQPQLIVKALDREQRDSYELTLRV  
RDGGDPPRSSQAILRVLITDVNDNSPRFEKSVYEADLAENSAPGTPILQLRAADLDVGVNGQIEYVFGAA  
TESVRRLLRLDETSGLSVLHRIDREEVNLRFVTMARDRGQPPKTDKATVVLNIKDENDNVPSIEIRKI  
GRIPLKDGVANVAEDVLVDTPIALVQVSDRDQGENGVVCTVWGDVFPQLKSPASDTEGDQNKKKYFLHTS  
TPLDYEATREFNVVIVAVDSGSPSLSSNNSLIVKVGDNDNPPMFGQSVVEVYFENNIPGERVATVLT  
DADSGKNAEIAYSLDSSVMGIFAIDPDSGDILVNTVLDREQTDREYEFKVNADKDGIPVLQGSTTVIVQVA  
DKNDNDPKFMQDVFTFYVKENLQPNSPVGMVTVMDADKGRNAEMSLYIEENNNIFSIENDTGTIYSTMSF  
DREHQTTYTFRVKAVDGGDPPRSATATVSLFVMDENDNAPTTLKPNISYLLPPSSNVRTVVATVLTAD  
SDDGINADLNYSIVGGNPFKLFIDPTSGVSLVGLTKQKHYGLHRLVQVNDSGQPSQSTTLVHVFN  
ESVSNATAIDSQIARSLHIPLTQDIAGDPSYEISKQRLSIVIGVVAGIMTVILILIVVMARYCRSKNKN  
GYEAGKKDHEDFFTPQQHDKSKKPKKDKKNKSKQPLYSSIVTVEASKPNGQRYDSVNEKLSDSPSMGRY  
RSVNGGPGSPDLARHYKSSSPLPTVQLHPQSPTAGKKHQAVQDLPPANTFVGAGDNISIGSDHCSEYSCQ  
TNNKYSKQPFRRVTFVSVSQPDHPQGLQSCYDSGLEESETPSSKSSSGPRLGALPLPEDNYERTTDPG  
SVDSRPLPDVALTGKCTRECDEYGHSDSCWMPVRTSPERKKSQPKLSTFMPVDERGSQEKLANGEAAIMG  
DRNRNLLNKKLTSSYETFSAASFKNNEANPEDIPLTKTGEYKPSPVNTLTRREVYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

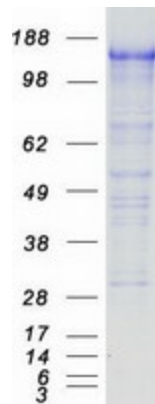
Tag:	C-Myc/DDK
Predicted MW:	132.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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<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_115833</a>
<b>Locus ID:</b>	5099
<b>UniProt ID:</b>	<a href="#">O60245</a>
<b>RefSeq Size:</b>	4893
<b>Cytogenetics:</b>	4p15.1
<b>RefSeq ORF:</b>	3741
<b>Synonyms:</b>	BH-Pcdh; BHPCDH; PPP1R120
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).