

## Product datasheet for **TP330683**

### PCDH7 (NM\_001173523) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human protocadherin 7 (PCDH7), transcript variant d, 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC230683 representing NM\_001173523  
**Red**=Cloning site **Green**=Tags(s)

MLRMRTAGWARGWCLGCCLLLPLSLSLAAAKQLLRYRLAEEGPADVIRGNVASDLGIVTGSGEVTFLES  
GSEYLKIDNLTGELSTSERRIDREKLPQCQMIFDENECFLDFEVSIVIGPSQSWVDLFEQVIVLDINDNT  
PTFPSPVLTLTVEENRPVGTLYLLPTATDRDFGRNGIERYELLQEPGGGGSGGESRRAGAADSAPYPGGG  
GNGASGGGSGSKRRLDASEGGGTNPGGRSSVFELQVADTPDGEKQPQLIVKALDREQRDSYELTLRV  
RDGGDPPRSSQAILRVLITDVNDNSPRFEKSVYEADLAENSAPGTPILQLRAADLDVGVNGQIEYVFGAA  
TESVRRLLRLDETSWLSVLHRIDREEVNQLRFTVMARDRGQPPKTDKATVVLNIKDENDNVPSIEIRKI  
GRIPLKDGVANVAEDVLVDTPIALVQVSDRDQGENGVVCTVWGDVFPQLKPASDTEGDQNKKKYFLHTS  
TPLDYEATREFNVVIVAVDSGSPSLSSNNSLIVKVGDTNDNPPMFGQSVVEVYFENNIPGERVATLAT  
DADSGKNAEIAYSLDSSVMGIFAIDPDSGDILVNTVLDREQTDREYEFKVNADKDGIPVLQGSTTVIVQVA  
DKNDNDPKFMQDVFTFYVKENLQPNSPVGMVTVMDADKGRNAEMSLYIEENNNIFSIENDTGTIYSTMSF  
DREHQTTYTFRVKAVDGGDPPRSATATVSLFVMDENDNAPTTLPKNISYLLPPSSNVRTVVATVLTAD  
SDDGINADLNYSIVGGNPFKLFIDPTSGVSLVGLTKQKHYGLHRLVQVNDSGQPSQSTTLVHVFN  
ESVSNATAIDSQIARSLHIPLTQDIAGDPSYEISKQRLSIVIGVVAGIMTVILILIVVMARYCRSKNKN  
GYEAGKKDHEDFFTPQQHDKSKKPKKDKKNKSKQPLYSSIVTVEASKPNGQRYDSVNEKLSDSPSMGRY  
RSVNGGPGSPDLARHYKSSSPLPTVQLHPQSPTAGKKHQAVQDLPPANTFVGAGDNISIGSDHCSEYSCQ  
TNNKYSKQPFRRVTFVSVSQPDPHQGLQSCYDSGLEESETPSSKSSSGPRLGALPLPEDNYERTTDPG  
SVGEAEHMENDSRPLPDVALTGKCTRECDEYGHSDSCWMPVRTSPERKKSQPKLSTFMPVDERGSQEKLA  
NGEAAIMGDRNRNLLNKKLTSSYETFSAASFKNNEANPEDIPLTKTGEYKPSPVNTLTRREVYL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

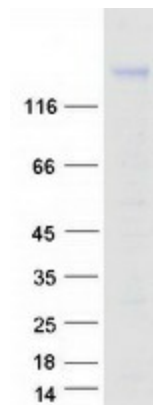
**Tag:** C-Myc/DDK  
**Predicted MW:** 137  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining



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<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	NULL or Add: Recombinant proteins 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_001166994</a>
<b>Locus ID:</b>	5099
<b>UniProt ID:</b>	<a href="#">O60245</a>
<b>Cytogenetics:</b>	4p15.1
<b>RefSeq ORF:</b>	3765
<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# TP330683). The protein was produced from HEK293T cells transfected with PCDH7 cDNA clone (Cat# [RC230683]) using MegaTran 2.0 (Cat# [TT210002]).