Recombinant Full Length Human PCDH7 Protein, C-Flag-tagged

Cat. No. PCDH7-818HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PCDH7 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	132.4 kDa
AA Sequence	MLRMRTAGWARGWCLGCCLLLPLSLSLAAAKQLLRYRLAEEGPADVRIGNVASDLG IVTGSGEVTFSLES GSEYLKIDNLTGELSTSERRIDREKLPQCQMIFDENECFLDFEV SVIGPSQSWVDLFEGQVIVLDINDNT PTFPSPVLTLTVEENRPVGTLYLLPTATDRDF GRNGIERYELLQEPGGGGSGGESRRAGAADSAPYPGGG GNGASGGGSGGGSKRR LDASEGGGGTNPGGRSSVFELQVADTPDGEKQPQLIVKGALDREQRDSYELTLRV RDGGDPPRSSQAILRVLITDVNDNSPRFEKSVYEADLAENSAPGTPILQLRAADLDV GVNGQIEYVFGAA TESVRRLLRLDETSGWLSVLHRIDREEVNQLRFTVMARDRGQP

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	PKTDKATVVLNIKDENDNVPSIEIRKI GRIPLKDGVANVAEDVLVDTPIALVQVSDRDQ GENGVVTCTVVGDVPFQLKPASDTEGDQNKKKYFLHTS TPLDYEATREFNVVIVAV DSGSPSLSSNNSLIVKVGDTNDNPPMFGQSVVEVYFPENNIPGERVATVLAT DADS GKNAEIAYSLDSSVMGIFAIDPDSGDILVNTVLDREQTDRYEFKVNAKDKGIPVLQGS TTVIVQVA DKNDNDPKFMQDVFTFYVKENLQPNSPVGMVTVMDADKGRNAEMSLY IEENNNIFSIENDTGTIYSTMSF DREHQTTYTFRVKAVDGGDPPRSATATVSLFVMD ENDNAPTVTLPKNISYTLLPPSSNVRTVVATVLATD SDDGINADLNYSIVGGNPFKLF EIDPTSGVVSLVGKLTQKHYGLHRLVVQVNDSGQPSQSTTTLVHVFVN ESVSNATAI DSQIARSLHIPLTQDIAGDPSYEISKQRLSIVIGVVAGIMTVILIILIVVMARYCRSKNKN GYEAGKKDHEDFFTPQQHDKSKKPKKDKKNKKSKQPLYSSIVTVEASKPNGQRYDS VNEKLSDSPSMGRY RSVNGGPGSPDLARHYKSSSPLPTVQLHPQSPTAGKKHQAV QDLPPANTFVGAGDNISIGSDHCSEYSCQ TNNKYSKQPFRRVTFSVVSQPQDPHQ GSLQSCYDSGLEESETPSSKSSSGPRLGALPLPEDNYERTTPDG SVDSRPLPDVAL TGKCTRECDEYGHSDSCWMPVRTSPERKKSQPKLSTFMPVDERGSQEKLANGEA AIMG DRNRNLLNKKLTSSYETFSAASFSKNEEANPEDIPLTKTGEYKPSPVNTLTRREVYLT RTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

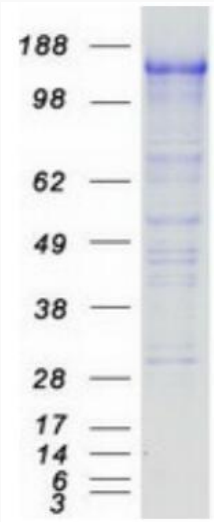
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Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	PCDH7 protocadherin 7 [Homo sapiens (human)]
Official Symbol	PCDH7
Synonyms	BHPCDH; BH-Pcdh; PPP1R120
Gene ID	5099
mRNA Refseq	NM_032457.4
Protein Refseq	NP_115833.2
MIM	602988
UniProt ID	O60245

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Coomassie blue staining of purified PCDH7 protein.

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