

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	MLRMRTAGWARGWCLGCCLLLPLSLSLAAAKQLLRYLAEEGPADVRIGNVASDLG IVTGSGEVTFSLES GSEYLKIDNLTGELSTERRIDREKLPQCQMIFDENECFLDFEV SVIGPSQSWVDLFEGQVIVLDINDNT PTFPSPVLTLTVEENRPVGTLYLLPTATDRDF GRNGIERYELLQEPGGGGSGGESRRAGAADSAPYPGGG GNGASGGGSGGSKRR LDASEGGGGTNPGGRRSSFELQVADTPDGEKQPQLIVKGALDREQRDSYELTLRV RDGGDPPRSSQAILRVLITDVNDNSPRFEKSVYEADLAENSAPGTPILQLRAADLDV GVNGQIEYVFGAA TESVRLLRLDETSGWLSVLHRIDREEVNQLRFTVMARDRGQP

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PKTDKATVVLNIKDENDNVPSIEIRKI GRIPLKDGVANVAEDVLVDTPIALVQVSDRDQ
 GENGVVTCTVVGDPFQLKPASDTEGDQNKKKYFLHTS TPLDYEATREFNVVIVAV
 DSGSPSLSSNNSLIVKVGDTNDNPPMFGQSVVEVYFPENNIPGERVATVLAT DADS
 GKNAEIAYSLDSSVMGIFAIDPDSGDILVNTVLDREQTDRYEFKVNADKKGIPVLQGS
 TTVIVQVA DKNDNDPKFMQDVFTFYVKENLQPNSPVGMVTVMDADKGRNAEMSLY
 IEENNNIFSIENDTGTIYSTMSF DREHQTITYTFRVKAVDGGDPPRSATATVSLFVMD
 ENDNAPTVTLPKNISYTLPPSSNVRTVVATVLATD SDDGINADLNYSIVGGNPFKLF
 EIDPTSGVSVSLVGKLTQKHVGLHRLVVQVNDSGQPSQSTTTLVHVFVN ESVSNATAI
 DSQIARSLHIPLTQDIAGDPSYEISKQRLSIVIGVVAGIMTVILIIVVMARYCRSKNKN
 GYEAGKKDHEDFFTPQQHDKSKPKKDKKNKSKQPLYSSIVTVEASKPNGQRYDS
 VNEKLSDSPSMGRY RSVNGGPGSPDLARHYKSSSPLPTVQLHPQSPTAGKKHQA
 QDLPPANTFVGAGDNISIGSDHCSEYSCQ TNNKYSKQPFRRVTFSVVSQPQDPHQ
 GSLQSCYDSGLEESETPSSKSSSGPRLGALPLPEDNYERTTPDG SVDSRPLPDVAL
 TGKCTRECDEYGHSDSCWMPVVRTSPERKKSQPKLSTFMPVDERGSQEKLANGEA
 AIMG
 DRNRNLLNKKLTSSYETFSAASFSKNEEANPEDIPLTGKTGEYKPSPVNTLTRREVYLT
 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.

Protein Families	Druggable Genome, Transmembrane
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Full Length	Full L.
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GENE INFORMATION

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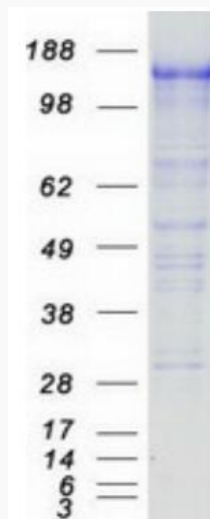
MIM	602988
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UniProt ID	O60245
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Coomassie blue staining of purified PCDH7 protein.

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