

# Recombinant Full Length Human PODN Protein, C-Flag-tagged

Cat. No. PODN-780HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human PODN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	The protein encoded by this gene is a member of the small leucine-rich repeat protein family and contains an amino terminal CX3CXCX7C cysteine-rich cluster followed by a leucine-rich repeat domain. Studies suggest that this protein could function to inhibit smooth muscle cell proliferation and migration following arterial injury.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	74 kDa
<b>AA Sequence</b>	MEGARARGAQLRLGERVRPVGRRSAPGRSRFHQPWRPGASDSAPPAGTMAQSR VLLLLLLLPPQLHLGPV LAVRAPGFGRSGGHSLSP EENEF AEEEPVLVLSPEEPGPG PAAVSCPRDCACSQEGVVD CGGIDLREFPG DLPEHTNHLSLQNNQLEKIYPEELSR LHRLETLNLQNNRLTSRGLPEKAFEHLTNLNYLYLANNKLT LAP RFLPNALISVDFAA NYLTKIYGLTFGQKPNLRSVYLHNNKLADAGLPDNMFNGSSNVEVLILSSNFLRHV P KHLPPALYKHLKNNKLEKIPPGAFSELSSLRELYLQNNYLTDEGLDNETFWKLSSLE YLDLSSNNLSR VPAGLPRSLVLLHLEKNAIRSVDANVLTPIRSLEYLLLHSNQLREQG IHPLAFQGLKRLHTVHLYNNALE RVPSGLPRRVRTL MILHNQITGIGREDFATTYFLE ELNLSYNRITSPQVHRDAFRKLRLLRSLDLSGNRL HTLPPGLPRNVHVLKVKRNELA

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ALARGALAGMAQLRELYLTSNRLRSRALGPRAWVDLAHLQLLDIAGNQ LTEIPEGLP  
 ESLEYLYLQNNKISAVPANAFDSTPNLKGIFLRFNKLAVGSVVDSAFRRLKHLQVLDIE  
 GN  
 LEFGDISKDRGRLGKEKEEEEEEEEEEEEEETRTRTRPLEQKLISEEDLAANDILDYKDD  
 DDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<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>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Secreted Protein
<b>Full Length</b>	Full L.

## GENE INFORMATION

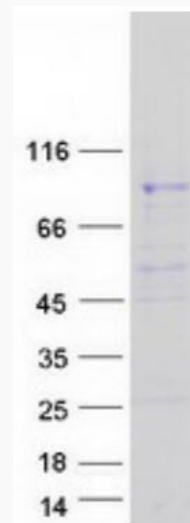
<b>Gene Name</b>	PODN podocan [ Homo sapiens (human) ]
<b>Official Symbol</b>	PODN
<b>Synonyms</b>	PCAN; SLRR5A
<b>Gene ID</b>	127435

mRNA Refseq [NM\\_153703.5](#)

Protein Refseq [NP\\_714914.3](#)

MIM [608661](#)

UniProt ID [Q7Z5L7](#)



Coomassie blue staining of purified PODN protein.

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