

Product datasheet for **TP305567**

PODN (NM_153703) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human podocan (PODN), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC205567 protein sequence
Red=Cloning site **Green**=Tags(s)

MEGARARGAQLRLGERVRPVGRRSAPGRSRFHQPWRPGASDSAPPAGTMAQSRVLLLLLLLLPPQLHLGPV
LAVRAPGFGRSGGHSLSPEENEFAEEEPVLVLSPEEPGPGPAAVSCPRDCACSQEGVWDCGGIDLREFFPG
DLPEHTNHLSQLNNQLEKIYPEELSRHLRLETNLQNNRLTSRGLPEKAFEHLTNLNYLYLANNKLTLP
RFLPNALISVDFAANYLTKIYGLTFGQKPNLRSVYLHNNKLADAGLPDNMFMNGSSNVEVLILSSNFLRHV
PKHLPPALYKLHLKNNKLEKIPPGAFSELSSLRELYLQNNYLTDEGLDNETFWKLSLEYLDLSSNNLSR
VPAGLPRSLVLLHLEKNAIRSVDANVLTPIRSLEYLLLHSNQLREQGIHPLAFQGLKRLHTVHLYNNALE
RVPSGLPRRVRTLMLHNQITGIGREDFATTYFLEELNLSYNRITSPQVHRDAFRKRLRLSLDLSGNRL
HTLPPGLPRNVHLKVKRNELAAALARGALAGMAQLRELYLTSNRLRSRALGPRAWVDLAHLQLLDIAGNQ
LTIPEGLPESLEYLYLQNNKISAVPANAFDSTPNLKGIFLRFNKLAVGSVWDSAFRRRLKHLQVLDIEGN
LEFGDISKDRGRLGKEKEEEEEEEEEEEEEETR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 74 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_714914](#)

Locus ID: 127435

UniProt ID: [Q7Z5L7](#)

RefSeq Size: 3180

Cytogenetics: 1p32.3

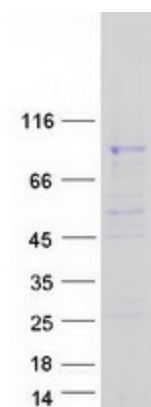
RefSeq ORF: 1983

Synonyms: PCAN; SLRR5A

Summary: 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. [provided by RefSeq, Jul 2016]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified PODN protein (Cat# TP305567). The protein was produced from HEK293T cells transfected with PODN cDNA clone (Cat# [RC205567]) using MegaTran 2.0 (Cat# [TT210002]).