

Product datasheet for TP305567M

PODN (NM_153703) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human podocan (PODN), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC205567 protein sequence Red =Cloning site Green =Tags(s) |

MEGARARGAQLRLGERVRPVGRRSAPGRSRFHQPWRPGASDSAPPAGTMAQSRVLLLLLLLPPQLHLGPV
LAVRAPGFGRSGGHSLSPEENEFAEEEPVLVLSPEEPGPGPAAVSCPRDCACSQEGVWDCGGIDLREFFPG
DLPEHTNHLSQLQNNQLEKIYPEELSRHLRLETNLQNNRLTSRGLPEKAFEHLTNLNYLYLANNKLTLP
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

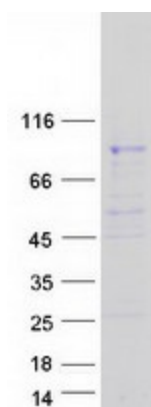
RefSeq ORF: 1983

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]).