

## Product datasheet for **TP305567L**

### PODN (NM\_153703) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human podocan (PODN), 1 mg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC205567 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEGARARGAQLRLGERVRPVGRRSAPGRSRFHQPWRPGASDSAPPAGTMAQSRVLLLLLLLPPQLHLGPV  
LAVRAPGFGRSGGHSLSPEENEFAEEEPVLVLSPEEPGPGPAAVSCPRDCACSQEGVWDCGGIDLREFFPG  
DLPEHTNHLSQLNNQLEKIYPEELSRHLRLETNLQNNRLTSRGLPEKA FEHLTNLNYLYLANNKLT LAP  
RFLPNALISVDFAANYLTKIYGLTFGQKPNLRSVYLHNNKLADAGLPDNMFMNGSSNVEVLILSSNFLRHV  
PKHLPPALYKLHLKNNKLEKIPPGAFSELSSLRELYLQNNYLTDEGLDNETFWKLSLEYLDLSSNNLSR  
VPAGLPRSLVLLHLEKNAIRSVDANVLTPIRSLEYLLLHSNQLREQGIHPLAFQGLKRLHTVHLYNNALE  
RVPSGLPRRVRTL MILHNQITGIGREDFATTYFLEELNLSYNRITSPQVHRDAFRKRLRLSLDLSGNRL  
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

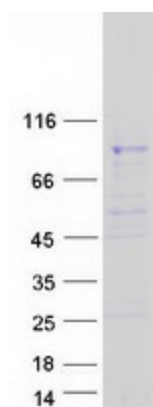
**RefSeq ORF:** 1983

**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]).