

Product datasheet for PH305567

PODN (NM_153703) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PODN MS Standard C13 and N15-labeled recombinant protein (NP_714914)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205567
Predicted MW:	74.1 kDa
Protein Sequence:	>RC205567 protein sequence Red=Cloning site Green=Tags(s)

MEGARARGAQLRLGERVRPVGRRSAPGRSRFHQPWRPGASDSAPPAGTMAQSRVLLLLLLLLLPPQLHLGPV
LAVRAPGFGRSGHSLSPEENEF AEEEPV LVSPEEPGPAAVSCPRDCACSQEGVVDCCGIDLREFFPG
DLPEHTNHL SLQNNQLEKIYPEEL SRLHRLETNLQNNRLTSRGLPEKAFEHLTNLNYLYLANNKLT LAP
RFLPNALISVDF AANYLTKIYGLTFGQKPNLRSVYLHNNKLADAGLPDNMFNGSSNVEVLILSSNFLRHV
PKHLPPALYKHLKNNKLEKIPPGAFSELSSLRELYLQNNYLTDEGLDNETFWKLSSLEYLDLSSNNLSR
VPAGLPRSLVLLHLEKNAIRSVDANVLTPIRSLEYLLLHSNQLREQGIHPLAFQGLKRLHTVHLYNNALE
RVPSGLPRRVRTLMILHNQITGIGREDFATTYFLEELNLSYNRITSPQVHRDAFRKLRLLRSLDLSGNRL
HTLPPGLPRNVHLKVRNELAALARGALAGMAQLRELYLTSNRLRSRALGPRAWVDLAHLQLLDIAGNQ
LTEIPEGLPESLEYLYLQNNKISAVPANAFDSTPNLKGIFLRFNKLAVGSVVDSAFRRRLKHLQVLDIEGN
LEFGDISKDRGRLGKEKEEEEEEEEEEEEEETR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_714914</u>
RefSeq Size:	3180



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RefSeq ORF: 1983

Synonyms: PCAN; SLRR5A

Locus ID: 127435

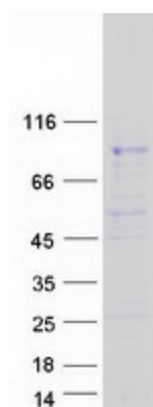
UniProt ID: [Q7Z5L7](#)

Cytogenetics: 1p32.3

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]).