

Product datasheet for PH301903

PINX1 (NM_017884) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PINX1 MS Standard C13 and N15-labeled recombinant protein (NP_060354)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201903
Predicted MW:	37 kDa
Protein Sequence:	>RC201903 protein sequence Red=Cloning site Green=Tags(s) MSMLAERRRKQKWAVDPQNTAWSNDDSKFGQRMLEKMGWSKGKGLGAQEHGATDHIKVVQKNNHLGLGAT INNEDNWIAHQDDFNQLLAEELNTCHGQETDSSDKKEKKSFSLEEKSKI SKNRVHYMKFTGKDLSSRSK TDLDCIFGKRQSKKTPEGDASPSTPEENETTTTSAFTIQEYFAKRMAALKNKPVVPGSDISETQVERK RGKKINKEATGKDVESYLQPKAKRHTEGKPERAEAQERVAKKKSAPAEQLRGPCWDQSSKASAQDAGDH VQPPEGRDFTLKPCKRRGKKKLQKPVEIAEDATLEETLVKKKKKKD SK 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_060354
RefSeq Size:	1570
RefSeq ORF:	984
Synonyms:	Gno1; LPTL; LPTS; Pxr1
Locus ID:	54984



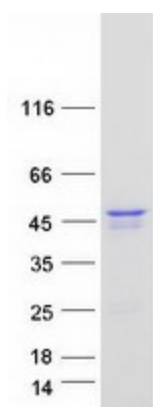
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UniProt ID: [Q96BK5](#)

Cytogenetics: 8p23.1

Summary: Microtubule-binding protein essential for faithful chromosome segregation. Mediates TRF1 and TERT accumulation in nucleolus and enhances TRF1 binding to telomeres. Inhibits telomerase activity. May inhibit cell proliferation and act as tumor suppressor. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified PINX1 protein (Cat# [TP301903]). The protein was produced from HEK293T cells transfected with PINX1 cDNA clone (Cat# [RC201903]) using MegaTran 2.0 (Cat# [TT210002]).