

AR09191PU-N

Recombinant human PINX1 (aa 1-328), His-tagged

Alternate names:	LPTL, LPTS, Liver-related putative tumor suppressor, Pin2-interacting protein X1, Protein 67-11-3, TRF1-interacting protein 1
Quantity:	0.1 mg
Concentration:	1 mg/ml (determined by Bradford assay)
Background:	PINX1 (PIN2-interacting protein 1) is a ubiquitously expressed protein that localizes to nucleoli and telomere speckles. This protein contains a TID (telomerase inhibiting domain) domain which is capable of binding MCRS1, TERT and TERF1. PINX1 has been shown to be a potent telomerase inhibitor and putative tumor suppressor.
Uniprot ID:	Q96BK5
NCBI:	NP_060354
GeneID:	54984
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing, 1 mM DTT, 10% glycerol Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)
Description:	Recombinant human PINX1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSSLVPRGSH MSMLAERRRK QKWAVDPQNT AWSNDDSKFG QRMLEKMGWS KGKGLGAQEH GATDHIKVQV KNNHLGLGAT INNEDNWIAH QDDFNQLLAE LNTCHGQETT DSSDKKEKKS FSLEEKSKIS KNRVHYMKFT KGKDLSSRSK TDLDCIFGKR QSKKTPEGDA SPSTPEENET TTTSFTIQE YFAKRMAALK NKPQVPVPGS DISETQVERK RGKKINKEAT GKDVESYLQP KAKRHTEGKP ERAEAQERVA KKKSAPAEQ LRGPCWDQSS KASAQDAGDH VQPPEGRDFT LKPKKRRGKK KLQKPVEIAE DATLEETLVK KKKKKDSK Molecular weight: 39.1 kDa (348 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Zhou XZ., et al. (2001). Cell. 107(3):347-59. Yoo JE., et al. (2009). J Mol Biol. 388(5):928-40.

Pictures:

PINX1, 1-328 aa human, His-tagged,
recombinant: 15% SDS-PAGE (3 µg)

