

# Product information



## PINX1, 1-328aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0310

**Full name:** PIN2-interacting protein 1

**NCBI Accession No.:** NP\_060354

**Synonyms:** TRF1-interacting protein 1, Liver-related putative tumor suppressor, Protein 67-11-3, LPTL, LPTS

**Description:** 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. Recombinant human PINX1, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

<p><b>Form:</b> Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing, 1mM DTT, 10% glycerol</p> <p><b>Molecular Weight:</b> 39.1 kDa (348aa)</p> <p><b>Purity:</b> &gt; 95% by SDS - PAGE</p> <p><b>Concentration:</b> 1 mg/ml (determined by Bradford assay)</p> <p><b>Endotoxin Level:</b> &lt; 1.0 EU per 1 µg of protein (determined by LAL method )</p>	<p>(kDa) 57 40 28 18 13.5</p> <p>15% SDS-PAGE (3ug)</p>
<p><b>Sequences of amino acids:</b></p> <p>MGSSHHHHHH SSGLVPRGSH MSMLAERRRK QKWAVDPQNT AWSNDDSKFG QRMLEKMGWS KGKGLGAQEH GATDHIKVVQV KNNHLGLGAT INNEONWIAH QDDFNQLLAE LNTCHGQETT DSSDKKEKKS FSLEEKSKIS KNRVHYMKFT KGKDLSSRSK TLDLCIFGKR QSKKTPEGDA SPSTPEENET TTTSFTIQE YFAKRMAALK NKPQVPVPGS DISSETQVERK RGKKINKEAT GKDVESYLQP KAKRHTGKPK ERAEAQERVA KKKSAPAEQ LRGPCWDQSS KASAQDAGDH VQPPEGRDFT LKPKKRRGKK KLQKPVEIAE DATLEETLVK KKKKKDSK</p>	

### General references:

Zhou XZ., *et al.* (2001). *Cell*. **107**(3):347-59

Yoo JE., *et al.* (2009). *J Mol Biol*. **388**(5):928-40

**WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.**

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**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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