

## Recombinant Human PINX1, His-tagged

**Cat. No.** PINX1-30965TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human PINX1 with N terminal His tag; amino acids 1-328 , 39.1kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-328 a.a.
<b>Description</b>	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.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Ubiquitous; expressed at low levels. Not detectable in a number of hepatocarcinoma cell lines.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

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freeze / thaw cycles.

**Sequences of amino acids**

MGSSHHHHHH SSGLVPRGSH MSMLAERRRK QKWAVDPQNT AWSNDDSKFG  
 QRMLEKMGWS KGKGLGAQEH GATDHIKQVQV KNNHLGLGAT INNEDNWIAH  
 QDDFNQLLAE LNTCHGQETT DSSDKKEKKS FSLEEKSKIS KNRVHYMKFT  
 KGKDLSSRSK TDLDCIFGKR QSKKTPEGDA SPSTPEENET TTSTAFTIQE  
 YFAKRMAALK NKPQVPVPGS DISETQVERK RGKKINKEAT GKDVESYLQP  
 KAKRHTEGKP ERAEAQERVA KKKSAPAEQ LRGPCWDQSS KASAQDAGDH  
 VQPPEGRDFT LKPKKRRGKK KLQKPVEIAE DATLEETLVK KKKKKDSK

**Sequence Similarities**

Belongs to the PINX1 family. Contains 1 G-patch domain.

**Full Length**

Full L.

## GENE INFORMATION

**Gene Name**

PINX1 PIN2/TERF1 interacting, telomerase inhibitor 1 [ Homo sapiens ]

**Official Symbol**

PINX1

**Synonyms**

PINX1; PIN2/TERF1 interacting, telomerase inhibitor 1; PIN2/TERF1-interacting telomerase inhibitor 1; FLJ20565; liver related putative tumor suppressor; LPTL; LPTS; MGC8850; PIN2 interacting protein 1; PinX1;

**Gene ID**

54984

**mRNA Refseq**

NM\_017884

**Protein Refseq**

NP\_060354

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<b>MIM</b>	606505
<b>Uniprot ID</b>	Q96BK5
<b>Chromosome Location</b>	8p23
<b>Pathway</b>	Regulation of Telomerase, organism-specific biosystem;
<b>Function</b>	nucleic acid binding; protein binding; telomerase inhibitor activity; telomeric RNA binding;

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