

Recombinant Human PINX1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length human PINX1 with N terminal His tag; amino acids 1-328 , 39.1kDa.
Species	Human
Source	E.coli
ProteinLength	1-328 a.a.
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 MCRC1, TERT and TERF1.
Conjugation	HIS
Tissue specificity	Ubiquitous; expressed at low levels. Not detectable in a number of hepatocarcinoma cell lines.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	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 GATDHIKQV 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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MIM	606505
Uniprot ID	Q96BK5
Chromosome Location	8p23
Pathway	Regulation of Telomerase, organism-specific biosystem;
Function	nucleic acid binding; protein binding; telomerase inhibitor activity; telomeric RNA binding;

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