

# Recombinant Human PINX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** PINX1-617H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	PINX1 MS Standard C13 and N15-labeled recombinant protein (NP_060354) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	37 kDa
<b>AA Sequence</b>	MSMLAERRRKQKWAVDPQNTAWSNDDSKFGQRMLEKMGWSKGKGLGAQEHGAT DHIKVQVKNNHLGLGATINNEDNWIAHQDDFNQLLAEANTCHGQETDSSDKKEKK SFSLEEKSKISKNRVHYMKFTKGDLDSSRSKTDLDCIFGKRQSKKTPEGDASPSTPE ENETTTTSAFTIQEYFAKRMAALKNKPQVPVPGSDISETQVERKRGKKINKEATGKD VESYLQPKAKRHTEGKPERAEAQERVAKKKSAPAEELRGPCWDQSSKASDAQDAG DHVQPPEGRDFTLKPKKRRGKKKLQKPVEIAEDATLEETLVKKKKKKDSKTRTRPLE QKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [PINX1 PIN2 \(TERF1\) interacting telomerase inhibitor 1 \[ Homo sapiens \(human\) \]](#)

**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; 67-11-3 protein; protein 67-11-3; PIN2-interacting protein 1; TRF1-interacting protein 1; pin2-interacting protein X1; liver-related putative tumor suppressor; hepatocellular carcinoma-related putative tumor suppressor;

**Gene ID** [54984](#)

**mRNA Refseq** [NM\\_017884](#)

**Protein Refseq** [NP\\_060354](#)

**MIM** [606505](#)

**UniProt ID** [Q96BK5](#)

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