

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

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

SPECIFICATION

Product Overview	PINX1 MS Standard C13 and N15-labeled recombinant protein (NP_060354) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	37 kDa
AA Sequence	MSMLAERRRKQKWAVDPQNTAWSNDDSKFGQRMLEKMGWSKGKGLGAQEHGAT DHIKVQVKNNHLGLGATINNEDNWIAHQDDFNQLLAEINTCHGQETTDSSDKKEKK SFSLEEKSKISKNRVHYMKFTKGKDLSSRSKTDLCIFGKRQSKKTPEGDASPSTPE ENETTTTSAFTIQEYFAKRMAALKNKPQVPVPGSDISETQVERKRGKKINKEATGKD VESYLQPKAKRHTEGKPERAEAQERVAKKKSAPAEELRGPCWDQSSKASDAQDAG DHVQPPEGRDFTLKPCKRRGKKKLQKPVEIAEDATLEETLVKKKKKKDSKTRTRPLE QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	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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SDS-PAGE



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