

Recombinant Human PIN2-interacting protein 1, His-tagged

Cat. No. PINX1-404H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PINX1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography, 39.1 kDa (348aa).
Species	Human
Source	E.coli
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.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MSMLAERRRK QKWAVDPQNT AWSNDDSKFG QRMLEKMGWS KGKGLGAQEH GATDHIKVQV KNNHLGLGATINNEDNWIAH QDDFNQLLAE LNTCHGQETT DSSDKKEKKS FSLEEKSKIS KNRVHYMKFT KGKDLSSRSK TDLCIFGKR QSKKTPEGDA SPSTPEENET TTSTAFTIQE YFAKRMAALK NKPQVPVPGS DISETQVERK RGKKINKEAT GKDVESYLQP KAKRHTEGKP ERAEAQERVAKKKSAPAEQ LRGPCWDQSS KASAQDAGDH VQPPEGRDFT LKPKKRRGKK KLQKPVEIAE DATLEETLVK KKKKKDSK
Purity	> 95% by SDS - PAGE
Form	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing, 1mM DTT, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay)

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Endotoxin Level	< 1.0 EU per 1 µg of protein (determined by LAL method)
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.
GENE INFORMATION	
Gene Name	PINX1 PIN2-interacting protein 1 [Homo sapiens]
Synonyms	PIN2-interacting protein 1; PINX1; LPTL; LPTS; MGC8850; FLJ20565; Liver-related putative tumor suppressor; PIN2-interacting protein 1;67-11-3 protein;hepatocellular carcinoma-related putative tumor suppressor; Protein 67-11-3; TRF1-interacting protein 1
Gene ID	54984
mRNA Refseq	NM_017884
Protein Refseq	NP_060354
MIM	606505
UniProt ID	Q96BK5
Chromosome Location	8p23
Function	molecular_function; nucleic acid binding; protein binding