

Recombinant Mouse Pinx1 Protein, Myc/DDK-tagged

Cat. No. Pinx1-4872M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PIN2/TERF1 interacting, telomerase inhibitor 1 (Pinx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
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	37.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Pinx1 PIN2/TERF1 interacting, telomerase inhibitor 1 [Mus musculus (house mouse)]
Official Symbol	Pinx1
Synonyms	PINX1; PIN2/TERF1 interacting, telomerase inhibitor 1; PIN2/TERF1-interacting telomerase inhibitor 1; TRF1-interacting protein 1; PIN2-interacting protein X1; PIN2/TRF1-interacting protein; liver-related putative tumor suppressor; LPTS; LPTS1; 67-11-3; AU024023; 2210403I16Rik; 2610028A01Rik; MGC144540
Gene ID	72400
mRNA Refseq	NM_028228
Protein Refseq	NP_082504
UniProt ID	Q9CZX5

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