
PINX1, 1-328aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03413

3th Edition

Synonyms:PIN2-interacting protein 1, TRF1-interacting protein 1, Liver-related putative tumor suppressor, Protein 67-11-3, LPTL, LPTS.

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. Recombinant human PINX1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing, 1mM DTT, 10% glycerol

Molecular Weight:39.1 kDa (348aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMSMLAERRRQKWAVDPQNTAWSNDDSKFGQRMLEKMGWSKGKGLGAQEHG
ATDHIKVVQKNNHLGLGATINNEDNWIAHQDDFNQLLAEANTCHGQETTDSSDKKEKKSFSLEEKSKISKNRVHYM
KFTKGKDLSSRSKTDLDCIFGKRQSKKTPEGDASPSTPEENETTTTSAFTIQEYFAKRMAALKNKPQVPVPGSDISE
TQVERKRGKKINKEATGKDVESYLQPKAKRHTEGKPERAEAQERVAKKKSAPAEQLRGPCWDQSSKASAQDAG
DHSVQPEGRDFTLKPCKRRGKKLQKPVEIAEDATLEETLVKKKKKKDSK

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug 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.