

Recombinant Mouse Pih1d1 Protein, Myc/DDK-tagged

Cat. No. Pih1d1-4858M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length PIH1 domain containing 1 (Pih1d1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles. Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription. Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1. Positively regulates the assembly and activity of the mTORC1 complex.
Molecular Mass	32.2 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.

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GENE INFORMATION

Gene Name	Pih1d1 PIH1 domain containing 1 [Mus musculus (house mouse)]
Official Symbol	Pih1d1
Synonyms	PIH1D1; PIH1 domain containing 1; PIH1 domain-containing protein 1; nucleolar protein 17 homolog; Nop17; 1110061L23Rik; 4933413A04Rik
Gene ID	68845
mRNA Refseq	NM_029406
Protein Refseq	NP_083682
UniProt ID	Q9CQJ2

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