

Recombinant Mouse Paip1 Protein, Myc/DDK-tagged

Cat. No. Paip1-4661M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length polyadenylate binding protein-interacting protein 1 (Paip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a coactivator in the regulation of translation initiation of poly(A)-containing mRNAs. Its stimulatory activity on translation is mediated via its action on PABPC1. Competes with PAIP2 for binding to PABPC1. Its association with EIF4A and PABPC1 may potentiate contacts between mRNA termini. May also be involved in translationally coupled mRNA turnover. Implicated with other RNA-binding proteins in the cytoplasmic deadenylation/translational and decay interplay of the FOS mRNA mediated by the major coding-region determinant of instability (mCRD) domain.
Molecular Mass	46.2 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.

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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

Gene Name Paip1 polyadenylate binding protein-interacting protein 1 [Mus musculus (house mouse)]

Official Symbol Paip1

Synonyms PAIP1; polyadenylate binding protein-interacting protein 1; polyadenylate-binding protein-interacting protein 1; PAIP-1; PABP-interacting protein 1; poly(A)-binding protein-interacting protein 1

Gene ID 218693

mRNA Refseq NM_145457

Protein Refseq NP_663432

UniProt ID Q8VE62

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