

Product datasheet for TP515919

Paip1 (NM_145457) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polyadenylate binding protein-interacting protein 1 (Paip1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR215919 representing NM_145457 Red =Cloning site Green =Tags(s)
	<p>MSDSFDRAPEQTKPQRAPPSSQDKIPQQNSESAMAKPQVWVAPVLMKLSANAPEFYPSGYSSNYTESYE DGCEDYPTLSEYVQDFLNHLTEQPGSFETEIEQFAETLNGWVTTDDALQELVELIYQQATSIPNFSYMG RLCNYLSHHLTISPQSGNFRQLLLQRCREYEAKDQAAKGDEVTRKRFHAFVFLGELYLNLEIKGTNGQ VTRADILQVGLRELLNALFSNPMDDNLICAVKLLKLTGSVLEDTWKEKGKTDMEIIRQIENVVLDANCS RDVKQMLLKLVELRSSNWGRVHATSTYREATPENDPNYFMNEPTFYTS DGVPFPTAADPDYQEKYQELLER EDFFPDYEENGTDLSGAGDPYLLDDIDDEMDPEIEEAYEKFCLESERKRKQ</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	46.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_663432
Locus ID:	218693
UniProt ID:	Q8VE62



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RefSeq Size: 4676

Cytogenetics: 13 D2.3

RefSeq ORF: 1200

Synonyms: PAIP-1

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]