

Recombinant Human PAIP2, His-tagged

Cat. No. PAIP2-1816H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PAIP2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 17.1 kDa (147aa).
Species	Human
Source	<i>E.coli</i>
Description	PAIP2, also known as Poly(A)-binding protein-interacting protein 2, acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. It displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MKDPSRSSTS PSIINEDVII NGHSHEDDNP FAEYMWME NE EEFNRQIEEE LWEEEFIERC FQEMLEEEEE HEWFIPARDL PQTM DQIQDQ FNDLVISDGS SLEDLVVKSN LNPNAKEFVP GVKYGN I
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT 10% glycerol.
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION

Gene Name PAIP2 poly(A) binding protein interacting protein 2 [Homo sapiens]

Synonyms PAIP2; poly(A) binding protein interacting protein 2; PAIP2A; MGC72018; PABP-interacting protein 2; PABC1-interacting protein 2; polyA-binding protein-interacting protein 2; polyadenylate-binding protein-interacting protein 2; PAIP-2; Poly(A)-binding protein-interacting protein 2

Gene ID 51247

mRNA Refseq NM_001033112

Protein Refseq NP_001028284

MIM 605604

UniProt ID Q9BPZ3

Chromosome Location 5q31.2

Function protein binding; translation repressor activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA