

PAIP2 recombinant protein

PAIP2, 1-127aa, Human, His tag, E Coli

CATALOG # AAA48582	HOST E Coli	APPLICATIONS SDS-Page
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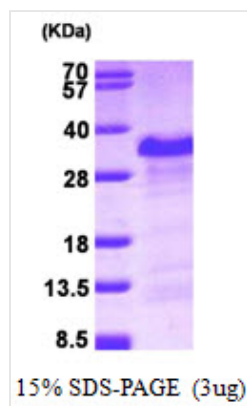
PRODUCT SYNONYMS

PAIP2; 1-127aa; Human; His tag; E Coli; Poly (A)-binding protein-interacting protein 2; PAIP2A; PABP- interacting protein 2; HSPC218; Poly (A)-binding protein-interacting protein 2 poly (A) binding protein interacting protein 2.; PAIP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MKDPSRSSTS PSIINEDVII NGHSHEDDNP FAEYMWME NE EEFNRQIEEE LWEEEFIERC FQEMLEEEEE HEWFIPARDL PQTMDQIQDQ FNDLVISDGS SLEDLVVKS N LNPNAKEFVP GVKYGNI
Sequence Length	127
Applicable Applications for PAIP2 recombinant protein	SDS-PAGE
Tag Information	His-tag
Domain	1-127aa
Preparation and Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

ADDITIONAL INFORMATION

Related Product Information for PAIP2 recombinant protein	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. Recombinant PAIP2 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for PAIP2 recombinant protein	Metabolism
References	Siddiqui N., et al. (2007) J Biol Chem. 282 (34):25067-75. ; Yoshida M., et al. (2006) EMBO J. 25 (9):1934-44.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	75677349
NCBI GeneID	51247
NCBI Accession #	NP_057564
NCBI GenBank Nucleotide #	NM_016480.4
UniProt Accession #	Q9BPZ3; Q49A06; Q9H0Y5; Q9P0Q8; B2RBI1; D3DQC6
Molecular Weight	17.1 kDa (147aa), confirmed by MALDI-TOF.
NCBI Official Full Name	polyadenylate-binding protein-interacting protein 2
NCBI Official Synonym Full Names	poly(A) binding protein interacting protein 2
NCBI Official Symbol	PAIP2
NCBI Official Synonym Symbols	PAIP-2; PAIP2A
NCBI Protein Information	polyadenylate-binding protein-interacting protein 2
UniProt Protein Name	Polyadenylate-binding protein-interacting protein 2
UniProt Gene Name	PAIP2
UniProt Synonym Gene Names	PAIP2A; PABP-interacting protein 2; PAIP-2; Poly(A)-binding protein-interacting protein 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.