

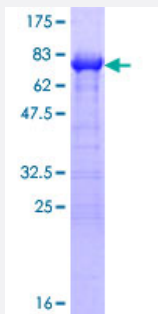
Full-Length

PAIP1 (Human) Recombinant Protein (P01)

Catalog # H00010605-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PAIP1 full-length ORF (NP_877590.1, 1 a.a. - 400 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDGFDRAPQTRPLRAPSSQDKIPQQNSESAMAKPVVVAPVLMKLSVNAPEFYPSGYSS
SYTESYEDGCEDYPTLSEYVQDFLNHLTEQPGSFETEIEQFAETLNGCVTTDDALQELVELYQQA
TSIPNFSYMGARLCNYLSHHLTISPQSGNFRQLLLQRCRTEYEVKDQAAKGDEVTRKRFHAFVLFL
GELYLNLEIKGTNGQVTRADILQVGLRELLNALFSNPMDNLICAVKLLKLTGSVLEDAWKEKGKM
DMEEIIQRIENVVLDANCSRDKQMLLKLVELRSSNWGRVHATSTYREATPENDPNYFMNEPTFYT
SDGVPFTAADPDYQEKYQELLEREDFFPDYEENGTDLSGAGDPYLDIDDEMDPEIEEAYEKFCL
ESERKRKQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

72

Interspecies Antigen Sequence

Mouse (97); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PAIP1

Entrez GeneID	10605
GeneBank Accession#	NM_182789.2
Protein Accession#	NP_877590.1
Gene Name	PAIP1
Gene Alias	MGC12360
Gene Description	poly(A) binding protein interacting protein 1
Omim ID	605184
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene interacts with poly(A)-binding protein and with the cap-binding complex eIF4A. It is involved in translational initiation and protein biosynthesis. Overexpression of this gene in COS7 cells stimulates translation. Alternative splicing occurs at this locus and three transcript variants encoding three distinct isoforms have been identified. [provided by RefSeq]
Other Designations	PABC1-interacting protein 1 polyadenylate binding protein-interacting protein 1