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Datasheet for ABIN1677252

PAIP1 Protein (AA 1-463) (His tag)

Overview

Quantity:	1 mg
Target:	PAIP1
Protein Characteristics:	AA 1-463
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAIP1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MSDGFERAPG VGRGRGRGRG IETAEGGKTP GFSGASGAGD EPGRAKAAGS QQQEPLRPPR</p> <p>TGPPGGGGDA GAAQTSHKRT SPAAQLPAHT YTMAVSKAQP ADRGRLLSNL SANAAEFYPS</p> <p>GYSVEANNCV EENGCPVLP EGTLTEYVQD FLNHLTEQPG SFEAEVFPFS DVLNNCVTTD</p> <p>ESLQELVELI YQQAISVPNF SYTGARLCNY LSNLHINPQ NQNFRQLLLK RCQTEFEKRD</p> <p>QAAKGDGAAR KQFHAFVLFL GELYLNLEIK GAKGQVTRAE ILQSGLQELL NSLFSNPVDD</p> <p>NLMCAVKLLK LTGSVLEDAW KEKALSCMEE VMLRMKNVVL DANCSDVKQ MLLKLVELRS</p> <p>SNWGRVHAAS TFKEATPEND PNYFMNEPTF YTSEGVPFPA ADPDYQEKYQ ELLDREDFFR</p> <p>DYDENGTDGG DSYFEDDDDN EMDPEMEEAY EKFCLESEHK KKQ</p>
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: PAIP1

Alternative Name: Polyadenylate-binding protein-interacting protein 1 (paip1) ([PAIP1 Products](#))

Background: Recommended name: Polyadenylate-binding protein-interacting protein 1.
Short name= PABP-interacting protein 1.
Short name= PAIP-1.
Short name= Paip1 protein.
Short name= Poly(A)-binding protein-interacting protein 1.
Alternative name(s): XIPaip1

UniProt: [Q7ZYB4](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.