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Datasheet for ABIN1646425
PABP Protein (AA 1-636) (His tag)

Overview

Quantity:	1 mg
Target:	PABP (PABPC1)
Protein Characteristics:	AA 1-636
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PABP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MNPSAPSYPM ASLYVGD LHP DVTEAMLYEK FSPAGPILSI RVC RDMITRR SLGYAYVNFQ QPADAERALD TMNFDVIK GK PVRIMWSQRD PSLRKSGVGN IFIKNLDKSI DNKALYDTFS AFGNILSCKV VCDENGSKGY GFVHFETQEA AERAIEKMNG MLLNDRKVFV GRFKSRKERE AELGARAKEF TNVYIKNFGE DMDDERL KEL FGKFGPALS V KVM TDES GKS KGFGFVS FER HEDAQKAVDE MNGKELNGKQ IYVGRAQKKV ERQTELKRKF EQMKQDRITR YQGVNLYVKN LDDGIDDERL RKEFSPFGTI TSAKVMMEGG RSKGFGFVCF SSPEEATKAV TEMNGRIVAT KPLYVALAQR KEERQAHLTN QYMQRMASVR AVPNPVINPY QPAPPSGYFM AAIPQTQ NRA AYYPPSQIAQ LRPSRWTAQ GARPHPFQNM PGAIRPAAPR PPFSTMRPAS SQVPRVMSTQ RVANTSTQTM GPRPAAAATA ATPAVRTVPQ KYAAGVRNP QQHLNAQPQV TMQQPAVHVQ GQEPLTASML ASAPPQEQKQ MLGERLFPLI QAMHPSLAGK ITGMLLEIDN SELLHMLES P ESLSKVDEA VAVLQAHQAK EAAQKAVNSA TGVPTV</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.

Purity: > 90 %

Target Details

Target: PABP (PABPC1)

Alternative Name: Polyadenylate-binding protein 1 (Pabpc1) ([PABPC1 Products](#))

Background: Recommended name: Polyadenylate-binding protein 1.
Short name= PABP-1.
Short name= Poly(A)-binding protein 1

UniProt: [Q9EPH8](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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

Handling

one week

Storage: -20 °C

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