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Datasheet for ABIN1611285

PABPC5 Protein (AA 1-382) (His tag)

Overview

Quantity:	1 mg
Target:	PABPC5
Protein Characteristics:	AA 1-382
Origin:	Pongo pygmaeus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PABPC5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGSGEPNPAG KKKKYLKAAL YVGDLDPDVT EDMLYKKFRP AGPLRFTRIC RDPVTRSPLG YGYVNF RFPA DAEWALNTMN FDLINGKPFR LMWSQPDDRL RKSGVGNIFI KNLDKSIDNR ALFYLFSAFG NILSCKVVCD DNGSKGYAYV HFDSLAAANR AIWHMNGVRL NNRQVYVGRF KFPEERAAEV RTRDRATFTN VFVKNIGDDI DDEKLKELFC EYGPTESVKV IRDASGKSKG FGFVRYETHE AAQKAVLDLH GKSIDGKVLV VGRAQKKIER LAELRRRFER LRLKEKSRPP GVPIYIKNLD ETINDEKLKE EFSSFGSISR AKVMMEVGQG KGFGVVCFSS FEEATKAVDE MNGRIVGSKP LHVTLGQARR RC
Specificity:	Pongo pygmaeus (Bornean orangutan)
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:	PABPC5
Alternative Name:	Polyadenylate-binding protein 5 (PABPC5) (PABPC5 Products)
Background:	Recommended name: Polyadenylate-binding protein 5. Short name= PABP-5. Short name= Poly(A)-binding protein 5
UniProt:	P60050

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