Datasheet for ABIN1640275

EEF1G Protein (AA 1-437) (His tag)

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Overview

Quantity:	1 mg
Target:	EEF1G
Protein Characteristics:	AA 1-437
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EEF1G protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAGGTLYTYP DNWRAYKPLI AAQYSRFPIK VASSPPEFQF GLTNKTPEFL KKFPLGKVPA FEGNNGFCLF ESSAIAHYVA NDELRGSNNR LHQAQVIQWV GFSDSHVVPP ASAWVFPTLG IMQFNKQATE QAKEEIKTVL GVLDCHLQTR TFLVGERITL ADITLTCSLL WLYKQVLEPS FRQPYGNVTR WFVTCVNQPE FRAVLGEVKL CDKMAQFDAK KFAEVQPKKE TPKKEKPAKE PKKKKKKKKK ATPAPAPAPE DDLDESEKAL AAEPKSKDPY AHLPKSSFIM DEFKRKYSNE DTLTVALPYF WEHFEKEGWS IWYAEYKFPE ELTQTFMSCN LITGMFQRLD KLRKTAFASV ILFGTNNNST ISGVWVFRGH DLAFTLSEDW QIDYESYTWR KLESDSEECR TMVKEYFAWE GEFKHVGKAF NQGKIFK
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	EEF1G
Alternative Name:	Elongation factor 1-gamma-B (eef1g-b) (EEF1G Products)
Background:	Recommended name: Elongation factor 1-gamma-B. Short name= EF-1-gamma-B. Alternative name(s): eEF-1B gamma-B p47
UniProt:	Q91375

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 modificated 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.