Datasheet for ABIN7589200

PPEF1 Protein (AA 1-640) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	PPEF1
Protein Characteristics:	AA 1-640
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPEF1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGCGSSSKKG KKSEKVVRAA LIIQNWYRRY RARLSARQHY ALAIFQSIEY ADEQGQMQLS SFFSFMLENY TNTHKEDSAL VSRLFENTRL ESKDREEYVG LIDVPDSYDG PRLQFPLTFT DINLLLQAFK QQQTLHAHYV LEVLFEARKI LKQMPNFTRI QTFPAKEITI CGDLHGKLDD LMLIFYKNGL PSEKNPYVFN GDFVDRGNNS MEILMILLVS FLVYPTDLHL NRGNHEDFMM NLRYGFTKEI LQKYKLHGKK ILQVLEELYT WLPIGTIIDN EILVIHGGIS ESTDLNILQQ LQRNKMKSVL MPPMSTNQEC NIKKNKAGPS EQSASEQLTK LEWEQIIDLL WSDPRGKKGC YPNTSRGGGC YFGPDVTSKV LNKNQLKMVI RSHECKPDGY EICHDGKVIT VFSASNYYEE GSNRGAYIRL SYGTSPQFFQ YQVTSTSCLN PLYQRVNAME FSAFRILKER MIARKTDLIN AFELRDHSRT GKISLAQWAF SMESILGLNL PWRSLSSHLV STDSSGSVDY MSSFDDIHIE KPMKDMKSDL IETMYRYRSD LKIIFNIIDT DQSGLISMDE FRTMWKLFNA HYKVHIDDSQ IDELASTMDS NKDGNIDFNE FLRAFYVVHK YETPESPLNK
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
Purity:	> 90 %

Target Details

Target:	PPEF1
Alternative Name:	Serine/threonine-protein phosphatase with EF-hands 1 (Ppef1) (PPEF1 Products)
Background:	Recommended name: Serine/threonine-protein phosphatase with EF-hands 1. Short name= PPEF-1. EC= 3.1.3.16
UniProt:	Q3SWT6
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

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

Handling

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

