Datasheet for ABIN7584904

KLC3 Protein (AA 1-505) (His tag)

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Overview

Quantity:	100 µg
Target:	KLC3
Protein Characteristics:	AA 1-505
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLC3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSVQVAAPGS TGLGPERLNP EELVRQTRQV VQGLEALRAE HHSLAGHLAE ALAGPGPVAG VELLEEKQQV VNHSLEAIEL GLGEAQVLLA LSAHVGVLEA EKQRLRAQAR RLAQENTWLR EELEETQRRL RASEEAVAQL EEEKSHLQFL GQLRQYDPPE ESQRPDSPPR RDSLASLFPS EEEEKKGPEA AGAAAAQQGG YEIPARLRTL HNLVIQYASQ GRYEVAVPLC RQALEDLERS SGHCHPDVAT MLNILALVYR DQNKYKEATE LLHDALQIRE QTLGPEHPAV AATLNNLAVL YGKRGRYREA EPLCQRALEI REKVLGADHP DVAKQLNNLA LLCQNQGKFQ DVERHYARAL SIYEALGGPQ DPNVAKTKNN LASAYLKQNK YQQAEELYKE ILSQEALPAP LGAPQGGTAG EAQQQVLRRS SSFSKLRESI RRGSEKLVSR LRGESMAGAA GMKRAMSLNM LNVDGPRAAR MQLSTQHLNE ASRTLSASTQ DLSPR
Specificity:	Rattus norvegicus (Rat)
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:	KLC3
Abstract:	KLC3 Products
Background:	Recommended name: Kinesin light chain 3. Alternative name(s): Kinesin light chain KLCt
UniProt:	Q68G30

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.