Datasheet for ABIN7584903

KLC1 Protein (AA 1-560) (His tag)

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Overview

Quantity:	100 µg
Target:	KLC1
Protein Characteristics:	AA 1-560
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLC1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MHDNMSTMVY MKEEKLEKLT QDEIISKTKQ VIQGLEALKN EHNSILQSLL ETLKCLKKDD ESNLVEEKSS MIRKSLEMLE LGLSEAQVMM ALSNHLNAVE SEKQKLRAQV RRLCQENQWL RDELANTQQK LQKSEQSVAQ LEEEKKHLEF MNQLKKYDDD ISPSEDKDSD SSKEPLDDLF PNDEDDPGQG IQQQHSSAAA AAQQGGYEIP ARLRTLHNLV IQYASQGRYE VAVPLCKQAL EDLEKTSGHD HPDVATMLNI LALVYRDQNK YKDAANLLND ALAIREKTLG RDHPAVAATL NNLAVLYGKR GKYKEAEPLC KRALEIREKV LGKDHPDVAK QLNNLALLCQ NQGKYEEVEY YYQRALEIYQ TKLGPDDPNV AKTKNNLASC YLKQGKFKQA ETLYKEILTR AHEREFGSVD DENKPIWMHA EEREECKGKQ KDGSSFGEYG GWYKACKVDS PTVTTTLKNL GALYRRQGKF EAAETLEEAA LRSRKQGLDN VHKQRVAEVL NDPENVEKRR SRESLNVDVV KYESGPDGGE EVSMSVEWNG MRKMKLGLVK
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

Product Details

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	KLC1
Abstract:	KLC1 Products
Background:	Recommended name: Kinesin light chain 1. Short name= KLC 1
UniProt:	P37285
Pathways:	Ribonucleoprotein Complex Subunit Organization

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

Handling

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