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Datasheet for ABIN1612414 KLC4 Protein (AA 2-619) (His tag)

Overview

Quantity:	1 mg
Target:	KLC4
Protein Characteristics:	AA 2-619
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KLC4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>SGLVLGQRD EPAGHRLSQE EILGSTRLVS QGLES LHSEH QAVLQSLSHT IECLQQGGHE</p> <p>EGLVHEKARQ LRRSMENIEL GLSEAQVMLA LASHLSTVES EKQKLRAQVR RLCQENQWLR</p> <p>DELAGTQQRL QRSEQAVAQL EEEKKHLEFL RQLRQYDEG HSMEEEKGDA SKDSLDDLFP</p> <p>NEEEEEDSSND LSRGQGAAAA QGGGYEIPAR LRTLHNLVIQ YAAQGRYEVA VPLCKQALED</p> <p>LERTSGRGHP DVATMLNILA LVYRDQNKYK EAAHLLNDAL SIRESTLGRD HPAVAATLNN</p> <p>LAVLYGKRKG YKEAEPLCQR ALEIREKVLG TDHPDVAKQL NNLALLCQNG KYEAEVRY</p> <p>QRALAIYERQ LGPDNPNVAR TKNNLASCYL KQGYSEAET LYKEILTRAH VQEFGSVDDD</p> <p>HKPIWMHAE REEMSRSRSR ESGTPYAEYG GWYKACRVSS PTVNTTLRNL GALYRRQGKL</p> <p>EAAETLEECA LRSRKQGTDP ISQTKVAELL GEGDGRKTMQ EPGDGSVKFE GGEDASVAVE</p> <p>WSGDGSGTLQ RSGSLGKIRD VLRRSELLV RKLQGTEPRP SSSNMKRAAS LNYLNQPNAA</p> <p>PLQTSRGLSA STVDLSSSS</p>
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	KLC4
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Abstract:	KLC4 Products
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Background:	Recommended name: Kinesin light chain 4. Short name= KLC 4. Alternative name(s): Kinesin-like protein 8
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UniProt:	Q5PQM2
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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 modified 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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Handling

Storage: -20 °C

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