Datasheet for ABIN7585023

MAK Protein (AA 1-622) (His tag)

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Overview

Quantity:	100 µg
Target:	MAK
Protein Characteristics:	AA 1-622
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNRYTTMRQL GDGTYGSVLM GKSNESGELV AIKRMKRKFY SWDECMNLRE VKSLKKLNHA NVIKLKEVIR ENDHLYFIFE YMKENLYQLM KDRNKLFPES VIRNIMYQIL QGLAFIHKHG FFHRDMKPEN LLCMGPELVK IADFGLAREL RSQPPYTDYV STRWYRAPEV LLRSSVYSSP IDVWAVGSIM AELYTFRPLF PGTSEVDEIF KICQVLGTPK KSDWPEGYQL ASSMNFRFPQ CIPINLKTLI PNASSEAIQL MTEMLNWDPK KRPTASQALK HPYFQVGQVL GPSAHHLDAK QTLHKQLQPP EPKPSSSERD PKPLPNILDQ PAGQPQPKQG HQPLQAIQPP QNTVVQPPPK QQGHHKQPQT MFPSIVKTIP TNPVSTVGHK GARRRWGQTV FKSGDSCDNI EDCDLGASHS KKPSMDAFKE KKKKESPFRF PEAGLPVSNH LKGENRNLHA SLKSDTNLST ASTAKQYYLK QSRYLPGVNP KNVSLVAGGK DINSHSWNNQ LFPKSLGSMG ADLAFKRSNA AGNLGSYSAY SQTGCVPSFL KKEVGSAGQR IHLAPLGASA ADYTWSTKTG QGQFSGRTYN PTAKNLNIVN RTQPVPSVHG RTDWVAKYGG HR
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:	MAK
Alternative Name:	Serine/threonine-protein kinase MAK (Mak) (MAK Products)
Background:	Recommended name: Serine/threonine-protein kinase MAK. EC= 2.7.11.22. Alternative name(s): Male germ cell-associated kinase
UniProt:	P20793

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

Handling

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