Datasheet for ABIN1675181

IKBKG Protein (AA 1-412) (His tag)

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Overview

Quantity:	1 mg
Target:	IKBKG
Protein Characteristics:	AA 1-412
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IKBKG protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSRHLWKNQL SEMVQPSGGP AEDQDMLGEE SSLGKPAMLH LPSEQGTPET LQRCLEENQE LRDAIRQSNQ MLRERCEELL HFQVSQREEK EFLMCKFQEA RKLVERLSLE KLDLRRQREQ ALEDLEHLKK CQQQMAEDKA SVKAQVTSLL GELQESQSRL EAATKERQTL EGRIRAVSEQ VRQLESEREV LQQQHSVQVD QLRMQNQSVE AALRMERQAA SEEKRKLAQL QAAYHQLFQD YDSHIKSSKG MQLEDLRQQL QQAEEALVAK QELIDKLKEE AEQHKIVMET VPVLKAQADI YKADFQAERH AREKLVERKE LLQEQLEQLQ REFNKLKVGC HESARIEDMR KRHVETSQPP LLPAPAHHSF HLALSNQRRS PPEEPPDFCC PKCQYQAPDM DTLQIHVMEC IE
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.
Purity:	> 90 %

Target Details

Target:	IKBKG
Alternative Name:	NF-kappa-B essential modulator (Ikbkg) (IKBKG Products)
Background:	Recommended name: NF-kappa-B essential modulator. Short name= NEMO. Alternative name(s): IkB kinase-associated protein 1. Short name= IKKAP1 Inhibitor of nuclear factor kappa-B kinase subunit gamma. Short name= I-kappa-B kinase subunit gamma. Short name= IKK-gamma. Short name= IKKG. Short name= IkB kinase subunit gamma NF-kappa-B essential modifier
UniProt:	Q6TMG5
Pathways:	NF-kappaB Signaling, RTK Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, M Phase, Production of Molecular Mediator of Immune Response, Hepatitis C, Protein targeting to Nucleus, Toll-Like Receptors Cascades, BCR Signaling, Ubiquitin Proteasome Pathway, S100 Proteins

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

Handling

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.