Datasheet for ABIN7591223

IKBKB Protein (AA 1-757) (His tag)

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Overview

Quantity:	100 µg
Target:	IKBKB
Protein Characteristics:	AA 1-757
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IKBKB protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSWSPSLPTQ TCGAWEMKER LGTGGFGNVI RWHNQVTGEQ IAIKQCRQEL SPKNRDRWCL EIQIMRRLNH PNVVAARDVP EGMQNLAPND LPLLAMEYCQ GGDLRRYLNQ FENCCGLREG AILTLLSDIA SALRYLHENR IIHRDLKPEN IVLQQGEKRL IHKIIDLGYA KELDQGSLCT SFVGTLQYLA PELLEQQKYT VTVDYWSFGT LAFECITGFR PFLPNWQPVQ WHSKVRQKSE VDIVVSEDLN GTVKFSSSSP FPNNLNSVLA ERLEKWLQLM LTWQPRQRGV DPQYGPNGCF RALDDILNLK LVHILNMVTG TIHTYPVMED ESLQSLKTRI REDTGILETD QELLQEAGLV LLPDKPATQC ISDSKTNEGL TLDMDLVFLF DNSKMSYETQ ITPRPQPESV SCVLQEPKRN LSFFQMRKVW GQVWHSIQTL KEDCNRLQQG QRAAMMNLLR NNSCLSKMKN AMASTAQQLK AKLDFFKTSI QIDLEKYREQ TEFGITSDKL LLAWREMEQA VEQCGRENDV KVLVERMMAL QTDIVDLQRS PMGRKQGGTL DDLEEQAREL YRRLREKPRD QRTEGDSQDM VRLLLQAIQS FEKKVRVIYS QLSKTVVCKQ KALELLPKVE EVVRLMNEDE KTVVRLQEKR QKELWNLLKI ACSKVRGPVS GSPDSMNVSR LSHPGHLMSQ PSSACDSLPD SDKKSEELVA EAHALCSRLE SALQDTVKQQ

Product Details

	DRSFTTLDWS WLQMEDEERC GLEQACD
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:	IKBKB
Alternative Name:	Inhibitor of nuclear factor kappa-B kinase subunit beta (Ikbkb) (IKBKB Products)
Background:	Recommended name: Inhibitor of nuclear factor kappa-B kinase subunit beta. Short name= I-kappa-B-kinase beta. Short name= IKK-B. Short name= IKK-beta. Short name= IkBKB. EC= 2.7.11.10. Alternative name(s): I-kappa-B kinase 2. Short name= IKK2 Nuclear factor NF-kappa-B inhibitor kinase beta. Short name= NFKBIKB
UniProt:	Q9QY78
Pathways:	NF-kappaB Signaling, RTK Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Production of Molecular Mediator of Immune Response, Hepatitis C, 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

Application Details

	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.