

Datasheet for ABIN7589868

IRAK2 Protein (AA 1-624) (His tag)



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Overview

Quantity:	100 µg
Target:	IRAK2
Protein Characteristics:	AA 1-624
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IRAK2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MACYIYQLPS WVLDLDCRNI DTLSEWDWMQ FASYVITDLT QLRKIKSMER VQGV SITREL</p> <p>LWWW SMRQAT VQQLVDLLCH LELYRAAQIV LSWKPAPDSL SPLSAFPEAV KPGPVATSGR</p> <p>NLKDDQKKGQ PVKPCSFLLS GTTMAGAQQQ ASCQRPCEED APCSLKTDVP DSLQSKYCST</p> <p>SIPKQEKLLN LPGDRLFWE ADIVQATEDF DQSHRISEGT FADIYRGQRN GVAFAFKRLR</p> <p>EVTGSSPGSM DRFLQAEMQL CLRCCHPNIL PLLGFCTGRQ FHSLIYPYMA NGSLQDRLWA</p> <p>QGDSDMLSWP QRASICSGLL LAVEHLHSLD IHSNVKSAN VLLDQHLPK LAHPVAHPCP</p> <p>TNKKTKYTVM KTHLFQASAA YLPENFIRVG QLTQKVDIFS CGIVLAEVLT GIPAMDKDRS</p> <p>PVYLKDLLLS EIPSNTSSVH SRKTSMGKV VKEICQKHLE RKAGLLPEAC AETWATAVSV</p> <p>CLRRREASLE EARVSMAGVE EQLRGQLSLP WSRVSED TGS SSNTPEETDD VDNSSLVPS</p> <p>SVMV VSCARV SSPPPSMGNG TAQPSTSGRQ EADSSSEACA GPQPPQEATE TSWKIEINEA</p> <p>KRRLMENILL YKEEKLD SVE LFGP</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:	IRAK2
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Alternative Name:	Interleukin-1 receptor-associated kinase-like 2 (Irak2) (IRAK2 Products)
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Background:	Recommended name: Interleukin-1 receptor-associated kinase-like 2. Short name= IRAK-2
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UniProt:	Q4QQS0
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Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Toll-Like Receptors Cascades
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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
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Handling

one week

Storage: -20 °C

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