Datasheet for ABIN1635363

ICK Protein (AA 1-629) (His tag)

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Overview

Quantity:	1 mg
Target:	ICK
Protein Characteristics:	AA 1-629
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ICK protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MNRYTTIKQL GDGTYGSVLL GRSIESGELI AIKKMKRKFY SWEECMNLRE VKSLKKLNHA NIVKLKEVIR ENDHLYFIFE YMKENLYQLI KERNKLFPES AIRNIMYQIL QGLAFIHKHG FFHRDLKPEN LLCMGPELVK IADFGLAREI RSRPPYTDYV STRWYRAPEV LLRSTNYSSP IDVWAVGCIM AEVYTLRPLF PGASEIDTIF KICQVLGTPK KTDWPEGYQL SSAMNFIWPQ CIPNNLKTLI PNASSEAIQL LRDLLQWDPK KRPTASQALR YPYFQIGHPL GISTQDSGKP QKDVQDKTGP PPYVKPAPPA QAPTKAHTLI SSRPNQASQP HQHFVYPYKG EASRTEQLSH VQEGQPNPPF FPSLHNKNLP PKILAGLEQK SGDMKPKSRR RWGLISRSTK GSDDWADLAD LDFSSSLTRI DVKNKKRQSD DPLCRFESVL DLKPSEPVGT GTSVSTQASS QRRDTPTLQS TAKQHYLKHS RYLPGINIRN GVLPNPGKDF LPSSSWSSSG LSGKSSGTVS VVSKITSVGS GSTSSTGLTG SYIPSFLKKE VGSVMQRVQL APLAAPSPGY SSLKAVRPHP GRPFFHTQPR STPGLIPRPP AVQPVHGRID WSSKYPSRR
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:	ICK
Alternative Name:	Serine/threonine-protein kinase ICK (Ick) (ICK Products)
Background:	Recommended name: Serine/threonine-protein kinase ICK. EC= 2.7.11.22. Alternative name(s): Intestinal cell kinase MAK-related kinase. Short name= MRK
UniProt:	Q62726

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.