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Datasheet for ABIN1634474 SYK Protein (AA 1-629) (His tag)

Overview

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

Product Details

Sequence:	<p>MAGNAVDNAN HLTYFFGNIT REEAEDYLVQ GGMTDGLYLL RQSRNYLGGF ALSVAHNRKA</p> <p>HHYTIERELN GTYAISGGRA HASPADLCHY HSQEPEGLVC LLKKPFNRPP GVQPKTGPFE</p> <p>DLKENLIREY VKQTNWLQGG ALEQAISQK PQLEKLIATT AHEKMPWFHG NISRDESEQT</p> <p>VLIGSKTNGK FLIRARDNNG SFALCLLHEG KVLHYRIDRD KTGKLSIPEG KKFDTLWQLV</p> <p>EHYSYKPDGL LRVLTVPCK IGVQMGPGRS SNAHPVTWSP GGIISRIKSY SFPKPGHKKP</p> <p>PPPQGSRPES TVSFNPYEPT GGAWGPDRGL QREALPMDTE VYESPYADPE EIRPKEVYLD</p> <p>RKLLTLEDNE LGSGNFGTVK KGYQMKKVV KTVAVKILKN EANDPALKDE LLAEANVMQQ</p> <p>LDNPYIVRMI GICEAESWML VMEMAAWGPL NKYLQQNRHI KDKNIIELVH QVSMGMKYLE</p> <p>ESNFVHRDLA ARNVLLVTQH YAKISDFGLS KALRADENYY KAQTHGKWPV KWAYPECINY</p> <p>FKFSSKSDVW SFGVLMWEAF SYGQKPYRGM KGSEVTAMLE KGERMGCPPG CPREMYDLMF</p> <p>LCWTYDVENR PGFAAVALRL RNYYYDVVN</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:	SYK
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Alternative Name:	Tyrosine-protein kinase SYK (Syk) (SYK Products)
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Background:	Recommended name: Tyrosine-protein kinase SYK. EC= 2.7.10.2. Alternative name(s): Spleen tyrosine kinase p72Syk
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UniProt:	Q64725
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Pathways:	Fc-epsilon Receptor Signaling Pathway , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Thromboxane A2 Receptor Signaling , BCR Signaling
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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

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.