Datasheet for ABIN7584977

LIM Domain Kinase 1 Protein (LIMK1) (AA 1-647) (His tag)

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Overview

Quantity:	100 µg
Target:	LIM Domain Kinase 1 (LIMK1)
Protein Characteristics:	AA 1-647
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIM Domain Kinase 1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MRLTLLCCTW REERMGEEGS ELPVCASCSQ SIYDGQYLQA LNADWHADCF RCCECSTSLS HQYYEKDGQL FCKKDYWARY GESCHGCSEH ITKGLVMVGG ELKYHPECFI CLACGNFIGD GDTYTLVEHS KLYCGQCYYQ TVVTPVIEQI LPDSPGSHLP HTVTLVSIPA SAHGKRGLSV SIDPPHGPPG CGTEHSHTVR VQGVDPGCMS PDVKNSIHIG DRILEINGTP IRNVPLDEID LLIQETSRLL QLTLEHDPHD SLGHGPVSDP SPLASPVHTP SGQAGSSARQ KPVLRSCSID TSPGAGSLVS PASQRKDLGR SESLRVVCRP HRIFRPSDLI HGEVLGKGCF GQAIKVTHRE TGEVMVMKEL IRFDEETQRT FLKEVKVMRC LEHPNVLKFI GVLYKDKRLN FITEYIKGGT LRGIIKSMDS QYPWSQRVSF AKDIASGMAY LHSMNIIHRD LNSHNCLVRE NRNVVVADFG LARLMIDEKG QSEDLRSLKK PDRKKRYTVV GNPYWMAPEM INGRSYDEKV DVFSFGIVLC EIIGRVNADP DYLPRTMDFG LNVRGFLDRY CPPNCPPSFF PITVRCCDLD PEKRPSFVKL EQWLETLRMH LAGHLPLGPQ LEQLERGFWE TYRRGESSLP AHPEVPD
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:	LIM Domain Kinase 1 (LIMK1)
Abstract:	LIMK1 Products
Background:	Recommended name: LIM domain kinase 1. Short name= LIMK-1. EC= 2.7.11.1
UniProt:	P53669
Pathways:	Caspase Cascade in Apoptosis, Regulation of Cell Size, CXCR4-mediated Signaling Events

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

Handling

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