

Datasheet for ABIN7589473

MKNK1 Protein (AA 1-413) (His tag)



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Overview

Quantity:	100 µg
Target:	MKNK1
Protein Characteristics:	AA 1-413
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MKNK1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MGSSEPLPIV DSDKRRKKKR KTRATDSLPG KFEDVYQLTS ELLGEGAYAK VQGAVSLQSG KEYAVKII EK QAGHSRSRVF REVETLYQCQ GNRNILELIE FFEDDTRFYL VFEKLQGGSI LAHIQKRKHF NELEASRVVR DVATALDFLH TKGIAHRDLK PENILCESPE KVSPVKICDF DLGSGVKLNN SCTPITPEL TTPCGSAEYM APEVVEVFRD EATFYDKRCD LWSLGVVLYI MLSGYPPFVG HCGADCGWDR GEVCRM CQNK LFESIQEGKY EFPDKDWAHI STEAKDLISK LLVRDAKQRL SAAQVLQHPW VQGQAPERGL PTPQVLQRNS STMDTLFAA EAIALNRQLS QHEENELAAE HEALAEGLCS MKLSPPSKSR LARRRALAHA GREANSCSTP AGL
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	MKNK1
Alternative Name:	MAP kinase-interacting serine/threonine-protein kinase 1 (Mknk1) (MKNK1 Products)
Background:	Recommended name: MAP kinase-interacting serine/threonine-protein kinase 1. EC= 2.7.11.1. Alternative name(s): MAP kinase signal-integrating kinase 1. Short name= MAPK signal-integrating kinase 1. Short name= Mnk1
UniProt:	Q4G050
Pathways:	MAPK Signaling , Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Protein targeting to Nucleus , Toll-Like Receptors Cascades , Signaling of Hepatocyte Growth Factor Receptor

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.
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

Handling

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