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Datasheet for ABIN1635067

MKNK2 Protein (AA 1-459) (His tag)

Overview

Quantity:	1 mg
Target:	MKNK2
Protein Characteristics:	AA 1-459
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MKNK2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MVQKRTAELQ GFHRSFKGQN PFELAFTLDP AQHGDSDFSP QCEARPDMPD SQPIDIPDAK</p> <p>KRGRKKKRCR ATDSFSGRFE DVYQLQEDVL GEGAHARVQT CVNLITNQEY AVKIIKQLG</p> <p>HIRSRVFREV EMLYQCQGHR NVLELIEFFE EEDRFYLVFE KMRGGSILSH IHRRRHFNEL</p> <p>EASVVVDVA SALDFLHNKG IAHRLKPEN ILCEHPNQVS PVKICDFDLG SGIKLNGDCS</p> <p>PISTPELLTP CGSAEYMAPE VVEAFSEEAS IYDKRCDLWS LGVILYILLS GYPFVGHCG</p> <p>SDCGWDRGEA CPACQNMLFE SIQEGKYEPF DKDWSHISFA AKDLISKLLV RDAKQRLSAA</p> <p>QVLQHPWVQG CAPENTLPTP LVLQRNSCAK DLTSFAAEAI AMNRQLAQCE EDAGQDQPV</p> <p>IRATSRCLQL SPSPSKLAQ RRQRASLSAT PVVLVGDRV</p>
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.

Product Details

Purity: > 90 %

Target Details

Target: MKNK2

Alternative Name: MAP kinase-interacting serine/threonine-protein kinase 2 (Mknk2) ([MKNK2 Products](#))

Background: Recommended name: MAP kinase-interacting serine/threonine-protein kinase 2.
EC= 2.7.11.1.
Alternative name(s): MAP kinase signal-integrating kinase 2.
Short name= MAPK signal-integrating kinase 2.
Short name= Mnk2

UniProt: [Q5U2N4](#)

Pathways: [MAPK Signaling](#)

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

Handling

Storage: -20 °C

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