

Datasheet for ABIN1614007 **JNK Protein (AA 1-426) (His tag)**



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Overview

Quantity: 1 mg

Target: JNK (MAPK8)

Protein Characteristics: AA 1-426

Origin: *Xenopus laevis*

Source: Yeast

Protein Type: Recombinant

Purification tag / Conjugate: This JNK protein is labelled with His tag.

Application: ELISA

Product Details

Sequence: MSRSKRDSNF SVFEIGDSTF TVLKRYQNLK PIGSGAQGIV CAAFDAVLER HVAIKKLSRP
FQNQTHAKRA YRELVLMKCV NHKNIIGLLN VFTPQKSLEE FQDLYVMEL MDANLCQVIQ
MELDHERMSY LLYQMLCGIK HLHSAGIIHR DLKPSNIVVK SDCTLKILDF GLARTAGTSF
MMTPYVVTRY YRAPEVILGM GYKENVDIWS VGCILGEMIK GGVLFPGTDH IDQWNKVIEQ
LGTPCTEFMK KLQPTVRTYV ENRPKYAGYS FEKLFDPVLF PADSEHNKLNK ASQARDLLSK
MLVIDASKRI SVDDALQHPY INVWYDPLEA EAPPPKIPDK QLDERHTIE EWKELIYKEV
LDWEERAKNG VIRGQPAPLG AAVTDGSQAH TSSSSGDASS MSTDPTLPSD TDSSLETSAG
TLGCCR

Specificity: *Xenopus laevis* (African clawed frog)

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: JNK (MAPK8)

Abstract: [MAPK8 Products](#)

Background: Recommended name: Mitogen-activated protein kinase 8.
Short name= MAP kinase 8.
Short name= MAPK 8.
EC= 2.7.11.24.
Alternative name(s): Stress-activated protein kinase JNK1

UniProt: [Q8QHK8](#)

Pathways: [MAPK Signaling](#), [WNT Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [S100 Proteins](#)

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

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.