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Datasheet for ABIN1474658  
**JNK Protein (AA 1-411) (His tag)**

### Overview

Quantity:	1 mg
Target:	JNK (MAPK8)
Protein Characteristics:	AA 1-411
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This JNK protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MSRSKRDNF YSVEIADSTF TVLKRYQNLK PIGSGAQGIV CAAYDAILER NVAIKKLSRP FQNQTHAKRA YRELVLMKCV NHKNIIGLLN VFTPQKSLEE FQDVYIVMEL MDANLCQVIQ MELDHERMSY LLYQMLCGIK HLHSAGIIHR DLKPSNIVVK SDCTLKILDF GLARTAGTSF MMTPYVVTRY YRAPEVILGM GYKENVDLWS VGCIMGEMVC LKILFPGRDY IDQWNKVIEQ LGTPCPEFMK KLQPTVRTYV ENRPKYAGYS FEKLFDPVLF PADSEHNKLN ASQARDLLSK MLVIDASKRI SVDEALQHPY INWVYDPSEA EAPPPKIPDK QLDERHTIE EWKELIYKEV MDLEERTKNG VIRGQPSPLG AAVINGSQHP VSSPSVNDMS SMSTDPTLAS D
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

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Target:	JNK (MAPK8)
Abstract:	<a href="#">MAPK8 Products</a>
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): SAPK gamma Stress-activated protein kinase JNK1 c-Jun N-terminal kinase 1 p54 gamma
UniProt:	<a href="#">P49185</a>
Pathways:	<a href="#">MAPK Signaling</a> , <a href="#">WNT Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">S100 Proteins</a>

## Application Details

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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

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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

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Storage: -20 °C

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