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Datasheet for ABIN7505294

JNK Protein (AA 1-350) (His tag)

Overview

Quantity:	100 µg
Target:	JNK (MAPK8)
Protein Characteristics:	AA 1-350
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This JNK protein is labelled with His tag.

Product Details

Sequence:	Met1-Glu350
Characteristics:	A DNA sequence encoding the Human MAPK8 protein (P45983) (Met1-Glu350) was expressed with a C-His,N-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	JNK (MAPK8)
Alternative Name:	JNK1 (MAPK8 Products)
Background:	Background: Responds to activation by environmental stress and pro-inflammatory cytokines by phosphorylating a number of transcription factors, primarily components of AP-1 such as JUN, JDP2 and ATF2 and thus regulates AP-1 transcriptional activity. In T-cells, JNK1 and JNK2 are required for polarized differentiation of T-helper cells into Th1 cells. Phosphorylates heat

Target Details

	shock factor protein 4. Synonym: JNK,JNK-46,JNK1,JNK1A2,JNK21B1/2,PRKM8,SAPK1,SAPK1c
Molecular Weight:	38.39 kDa
UniProt:	P45983
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

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months