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Datasheet for ABIN7505298

MAPK14 Protein (AA 1-300) (His tag)

Overview

Quantity:	100 µg
Target:	MAPK14
Protein Characteristics:	AA 1-300
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPK14 protein is labelled with His tag.

Product Details

Sequence:	Met 1-Ala 300
Characteristics:	A DNA sequence encoding the Human MAPK14 protein (Q16539) (Met 1-Ala 300) was expressed with a N-His&C-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	MAPK14
Alternative Name:	MAPK14 (MAPK14 Products)
Background:	<p>Background: The p38 Mitogen-activated Protein Kinases (MAPKs) are a family of four related Ser/Thr kinases activated by proinflammatory cytokines and environmental stresses, such as UV irradiation and heat shock. Stress signals are delivered to this cascade by member</p> <p>Synonym: Mitogen-activated protein kinase 14,MAPK14,MAP kinase MXI2,MAX-interacting</p>

Target Details

	protein 2
Molecular Weight:	32.89 kDa
UniProt:	Q16539
Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Regulation of Muscle Cell Differentiation , Regulation of Cell Size , Hepatitis C , Toll-Like Receptors Cascades , Autophagy , Thromboxane A2 Receptor Signaling , BCR Signaling , 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