Datasheet for ABIN5570496

ERK2 Protein (AA 1-360)

2 Images

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Overview

Quantity:	100 µg
Target:	ERK2 (MAPK1)
Protein Characteristics:	AA 1-360
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	SDS-PAGE (SDS), Functional Studies (Func)

Product Details

Purpose:	MAPK1 (Human) Recombinant Protein
Characteristics:	Human MAPK1 (NM_002745, 1 a.a. - 360 a.a.) full-length recombinant protein expressed in Sf9 cells. This product with activity data is belong to bioactive protein.
Purification:	Insect cell (Sf9) expression system

Target Details

Target:	ERK2 (MAPK1)
Alternative Name:	MAPK1 (MAPK1 Products)
Background:	Full Gene Name: mitogen-activated protein kinase 1 Synonyms: ERK,ERK2,ERT1,MAPK2,P42MAPK,PRKM1,PRKM2,p38,p40,p41,p41mapk

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Target Details

Gene ID:	5594
Pathways:	MAPK Signaling, RTK Signaling, Apoptosis, Interferon-gamma Pathway, Fc-epsilon Receptor Signaling Pathway, Response to Growth Hormone Stimulus, Activation of Innate immune Response, Cellular Response to Molecule of Bacterial Origin, Hepatitis C, Protein targeting to Nucleus, Toll-Like Receptors Cascades, Monocarboxylic Acid Catabolic Process, Autophagy, G-protein mediated Events, Signaling Events mediated by VEGFR1 and VEGFR2, Signaling of Hepatocyte Growth Factor Receptor, VEGFR1 Specific Signals, BCR Signaling, S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Insect cell (Sf9) expression system Product Quality tested by: 2 ug/lane SDS-PAGE Stained with Coomassie Blue
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.223 µg/µL
Buffer:	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 20 % glycerol)
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C

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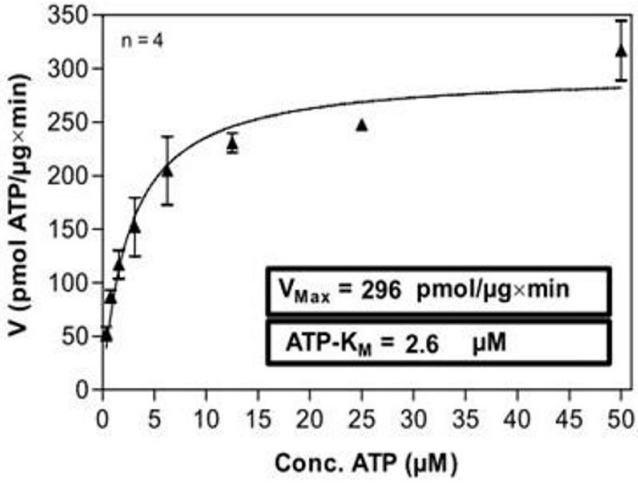

Image 1.

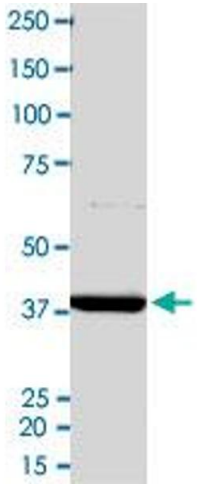

Image 2.

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