

[Go to Product page](#)

Datasheet for ABIN7596415

MAP2K6 Protein (AA 1-334) (His tag)

Overview

Quantity:	500 µg
Target:	MAP2K6
Protein Characteristics:	AA 1-334
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP2K6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MSQSKGKKRN PGLKIPKEAF EQPQTSSTPP RDLDSKACIS IGNQNFVKA DDLEPIMELG RGAYGVVEKM RHVPSGQIMA VKRIRATVNS QEQKRLMDL DISMRTVDCP FTVTFYGALF REGDVVICME LMDTSLDKFY KQVIDKGQTI PEDILGKIAV SIVKALEHLH SKLSVIHRDV KPSNVLINAL GQVKMCDLFI SGYLVDSVAK TIDAGCKPYM APERINPELN QKGYSVKSDI WSLGITMIEL AILRFPYDSW GTPFQQLKQV VEESPQLPA DKFSAEFVDF TSQCLKKNSK ERPTYELMQ HPFFTLHESK GTDVASFVKL ILGD
Purity:	> 90% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1µg of protein (determined by LAL method)

Target Details

Target:	MAP2K6
---------	--------

Target Details

Alternative Name:	MKK6 (MAP2K6 Products)
Background:	MKK6, also known as dual specificity mitogen-activated protein kinase kinase 6, is a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress-induced cell cycle arrest, transcription activation and apoptosis. Recombinant human MKK6, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	38.3 kDa (340aa) confirmed by MALDI-TOF
NCBI Accession:	NP_002749
Pathways:	MAPK Signaling , TLR Signaling , Activation of Innate immune Response , Regulation of Muscle Cell Differentiation , Toll-Like Receptors Cascades

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.