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Datasheet for ABIN7549527

MAP2K3 Protein (AA 1-347) (His tag)

Overview

Quantity:	1 mg
Target:	MAP2K3
Protein Characteristics:	AA 1-347
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP2K3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MAP2K3 Protein expressed in mammalien cells.
Sequence:	MESPASSQPA SMPQSKGKSK RKKDLRISCM SKPPAPNPTP PRNLDSRTFI TIGDRNFEVE ADDLVTISEL GRGAYGVVEK VRHAQSGTIM AVKRIRATVN SSEQKRLAMD LDINMRTVDC FYTVTFYGAL FREGDVWICM ELMDTSLDKF YRKVLDKNMT IPEDILGEIA VSIVRALEHL HSKLSVIHRD VKPSNVLINK EGHVKMCDGF ISGYLVDSVA KTMDAGCKPY MAPERINPEL NQKGYNVKSD VWSLGITMIE MAILRFPYES WGTPFQQLKQ VVEEPPQLP ADRFSPEFVD FTAQCLRKNP AERMSYLELM EHPFFTLHKT KKTDIAAFVK EILGEDS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	MAP2K3
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Alternative Name:	MAP2K3 (MAP2K3 Products)
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Background:	Dual specificity mitogen-activated protein kinase kinase 3 (MAP kinase kinase 3) (MAPKK 3) (EC 2.7.12.2) (MAPK/ERK kinase 3) (MEK 3) (Stress-activated protein kinase kinase 2) (SAPK kinase 2) (SAPKK-2) (SAPKK2),FUNCTION: Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14. {ECO:0000269 PubMed:21224381, ECO:0000269 PubMed:8622669}.
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Molecular Weight:	39.3 kDa
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UniProt:	P46734
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Pathways:	MAPK Signaling , TLR Signaling , Activation of Innate immune Response , Toll-Like Receptors Cascades , Autophagy , Signaling Events mediated by VEGFR1 and VEGFR2
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Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
