

Datasheet for ABIN7556335  
**MOK Protein (AA 1-420) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MOK
Protein Characteristics:	AA 1-420
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MOK protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Mok Protein expressed in mammalian cells.
Sequence:	<p>MKNYKAIGKI GEGTFSEVMK MQSLRDGNYY ACKQMKQHFE SIEQVNSLRE IQALRRLNPH PNILALHEVV FDRKSGSLAL ICELMDMNIY ELIRGRRHPL SEKKIMLYMY QLCKSLDHMH RNGIFHRDVK PENILVKQDV LKLGDFGSCR SVYSKQPYTE YISTRWYRAP ECLLTDGFYT YKMDLWSAGC VFYEIASLQP LFPGVNELDQ ISKIHVIGT PCQKTLTKFK QSRAMSFDFP FKKGSIGIPLL TANLSPQCLS LLHAMVAYDP DERIAAHQAL QHPYFQVQRA AETQTLAKHR RAFPCPKFSMV PESSSHNWSF SQEGRKQKQS LRHEEGHARR QGPTSLMELP KLRLSGMTKL SSCSPALRS VLGTGANGKV PVLRLPKCAA VNKKTDTQKD IKPHLKHYHL PTINRKGGEY</p> <p><b>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.</b></p> <p><b>In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

## Product Details

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### Characteristics:

#### Key Benefits:

- 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.

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### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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### Grade:

custom-made

## Target Details

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### Target:

MOK

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### Alternative Name:

Mok ([MOK Products](#))

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### Background:

MAPK/MAK/MRK overlapping kinase (EC 2.7.11.22) (MOK protein kinase) (Serine/threonine kinase 30),FUNCTION: Able to phosphorylate several exogenous substrates and to undergo autophosphorylation (PubMed:10421840). Negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner (PubMed:25243405). {ECO:0000269|PubMed:10421840, ECO:0000269|PubMed:25243405}.

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### Molecular Weight:

48.1 kDa

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### UniProt:

[Q9WVS4](#)

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### Pathways:

[S100 Proteins](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

## Application Details

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Restrictions: For Research Use only

## Handling

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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