

Datasheet for ABIN7558803  
**MAP4K5 Protein (AA 1-847) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MAP4K5
Protein Characteristics:	AA 1-847
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP4K5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Map4k5 Protein expressed in mammalien cells.
Sequence:	MEAPLRPAAD ILRRNPQHDY ELVQRVSGGT YGDVYKARNV HTGELAAVKI IKLEPGDDFS LIQQEIFMVK ECKHCNIVAY FGSYLSREKL WICMEYCGGG SLQDIYHVTG PLSEMQUIAYV CRETLQGLAY LHTKGMHRD IKGANILLTD HGDVKLADFG VAAKITATIA KRKSFIGTPY WMAPEVAAVE KNGGYNQLCD IWAVGITAIE LGELQPPMFD LHPMRALFLM SKSNFQPPKL KDKTKWSSTF HNFVKIALTK NPKKRPTAER LLTHTFVGQP GLSRALAVEL LDKVSNPDNH APYSEGDEDD LEPHAIRHT IRSTNRNSRA ERTASEINFD KLQFEPPLRK ETEARDEMGL SSEPNFILHW NPFVDGANTG RSTSKRAIPP PLPPKPRVNT YPEDSLPDEE KSSTIKRCPD LEARAPQVLR RQSSPSCVPV AETSSSIGNG DGISKLISEN TEGSAQAPQL PRKKDKRDFP KPTINGLPPT PKVLMGACFS KVFDCGPLKI NCATSWIHPD TKDQYIIFGT EDGIYTLNLN ELHEATMEQL FPRKCTWLYV INNTLMSLSE GKTFQLYSHN LIALFEQAKK PGLAAHIQTH RFPDRILPRK FALTTKIPDT KGCHKCCIVR NPYTGHKYLC GALQSGIVLL QWYEPMQKFM

## Product Details

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LIKHFDFPLP SPLNVFEMLV IPEQEYPMVC VAISKGSDSS QVVQFETINL NSASSWFTEI  
GAGSQQLDSI HVTQLERDTV LVCLDKFVKI VNLQGKLGKSS KKLASELSFD FRIESVVCLQ  
DSVLAFWKHG MQGKSFKSDE VTQEISDETR VFRLGSDRV VVLESRPTEN PAAHSNLYIL  
AGHENSY **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.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

MAP4K5

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### Alternative Name:

Map4k5 ([MAP4K5 Products](#))

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### Background:

Mitogen-activated protein kinase kinase kinase kinase 5 (EC 2.7.11.1) (MAPK/ERK kinase kinase kinase 5) (MEK kinase kinase 5) (MEKKK 5),FUNCTION: May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway (By similarity). {ECO:0000250}.

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### Molecular Weight:

95.0 kDa

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### UniProt:

[Q8BPM2](#)

## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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