

Datasheet for ABIN7554485

## MAP4K3 Protein (AA 1-894) (His tag)



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### Overview

Quantity:	1 mg
Target:	MAP4K3
Protein Characteristics:	AA 1-894
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP4K3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat MAP4K3 Protein expressed in mammalian cells.
Sequence:	<p>MNPGFDLSRR NPQEDFELIQ RIGSGTYGDV YKARNVNTGE LAAIKVIKLE PGEDFAVVQQ</p> <p>EIIMMKDCKH PNIVAYFGSY LRRDKLWICM EFCGGGSLQD IYHVTGPLSE LQIAYVSRET</p> <p>LQGLYYLHSK GKMHRDIKGA NILLTDNGHV KLADFGVSAQ ITATIAKRKS FIGTPYWMAP</p> <p>EVAEVERKGG YNQLCDLWAV GITAIELAE LQPPMFDLHPM RALFLMTKSN FQPPKLKDKM</p> <p>KWSNSFHFFV KMALTKNPKK RPTAEKLLQH PFVTQHLTRS LAIELLDKVN NPDHSTYHDF</p> <p>DDDDPEPLVA VPHRIHSTSR NVREEKTRSE ITFGQVKFDP PLRKETEPHH ELPDSGFLD</p> <p>SSEIYYTAR SNLDLQLEYG QGHQGGYFLG ANKSLLKSVE EELHQRGHVA HLEDDEGDDD</p> <p>ESKHSTLKAK IPPPLPPKPK SIFIPQEMHS TEDENQGTIK RCPMSGSPAK PSQVPPRPPP</p> <p>PRLPPHKPVA LGNGMSSFQL NGERDGSLCQ QQNEHRGTNL SRKEKDVVPK PISNGLPPTP</p> <p>KVHMGACFSK VFNGCPLKIH CASSWINPDT RDQYLIFGAE EGIYTLNLNE LHETSMEQLF</p> <p>PRRCTWLYVM NNCLLSISGK ASQLYSHNLP GLFDYARQMQ KLPVAIPAHK LPDRILPRKF</p>

SVSAKIPETK WCQKCCVVRN PYTGHKYL CG ALQTSIVLLE WVEPMQKFML IKHIDFPIPC  
PLRMFEMLVV PEQEYPLVCV GVSRRGRDFNQ VRFETVNP STSSWFTESD TPQTNVTHVT  
QLERDTILVC LDCCIKIVNL QGRLKSSRKL SSELTFDFQI ESIVCLQDSV LAFWKHGMQG  
RSFRSNEVTQ EISDSTRIFR LLGSDRVVVL ESRPTDNPTA NSNLYILAGH ENSY **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:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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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

Target:	MAP4K3
Alternative Name:	MAP4K3 ( <a href="#">MAP4K3 Products</a> )
Background:	Mitogen-activated protein kinase kinase kinase kinase 3 (EC 2.7.11.1) (Germinal center kinase-related protein kinase) (GLK) (MAPK/ERK kinase kinase kinase 3) (MEK kinase kinase 3) (MEKKK 3),FUNCTION: May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. {ECO:0000269 PubMed:9275185}.
Molecular Weight:	101.3 kDa

## Target Details

UniProt: [Q8IVH8](#)

Pathways: [MAPK Signaling](#)

## 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