

Datasheet for ABIN7549217

## MAP3K3 Protein (AA 1-626) (His tag)



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### Overview

Quantity:	1 mg
Target:	MAP3K3
Protein Characteristics:	AA 1-626
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP3K3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat MAP3K3 Protein expressed in mammalian cells.
Sequence:	<p>MDEQEALNSI MNDLVALQMN RRHRMPGYET MKNKDTGHSN RQSDVRIKFE HNGERRIIAF</p> <p>SRPVKYEDVE HKVTTVFGQP LDLHYMNNEL SILLKNQDDL DKAIIDILDRS SSMKSLRILL</p> <p>LSQDRNHNSS SPHSGVSRQV RIKASQSAGD INTIYQPPEP RSRHLSVSSQ NPGRSSPPPG</p> <p>YVPERQQHIA RQGSYTSINS EGEFIPETSE QCMLDPLSSA ENSLSGSCQS LDRSADSPSF</p> <p>RKSRMSRAQS FPDNRQEYSD RETQLYDKGV KGGTYPRRYH VSVHHKDYSD GRRTFPRIRR</p> <p>HQGNLFTLVP SSRSLSTNGE NMGLAVQYLD PRGRLRSADS ENALSVQERN VPTKSPSAPI</p> <p>NWRRGKLLGQ GAFGRVYLCY DVDTGRELAS KQVQFDPDSP ETSKEVSALE CEIQLLKNLQ</p> <p>HERIVQYYGC LRDRAEKTLL IFMEYMPGGS VKDQLKAYGA LTESVTRKYT RQILEGMSYL</p> <p>HSNMIVHRDI KGANILRDSA GNVKLGDFGA SKRLQTICMS GTGMRSVTGT PYWMSPEVIS</p> <p>GEGYGRKADV WSLGCTVVEM LTEKPPWAEY EAMAAIFKIA TQPTNPQLPS HISEHGRDFL</p> <p>RRIFVEARQR PSAEELLTHH FAQLMY <b>Sequence without tag. The proposed Purification-Tag is</b></p>

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

Target Details

Target:	MAP3K3
Alternative Name:	MAP3K3 ( <a href="#">MAP3K3 Products</a> )
Background:	Mitogen-activated protein kinase kinase kinase 3 (EC 2.7.11.25) (MAPK/ERK kinase kinase 3) (MEK kinase 3) (MEKK 3),FUNCTION: Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators. {ECO:0000269 PubMed:12912994, ECO:0000269 PubMed:14661019, ECO:0000269 PubMed:14743216, ECO:0000269 PubMed:9006902}.
Molecular Weight:	70.9 kDa
UniProt:	<a href="#">Q99759</a>
Pathways:	<a href="#">MAPK Signaling</a>

## 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.
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Restrictions:	For Research Use only
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## 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