

Datasheet for ABIN7562185

MAP3K4 Protein (AA 1-1597) (His tag)



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Overview

Quantity:	1 mg
Target:	MAP3K4
Protein Characteristics:	AA 1-1597
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP3K4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Map3k4 Protein expressed in mammalien cells.
Sequence:	MRDAIAEPVP PPALADTPAA AMEELRPAPP PQPEPDPECC PAARQECMLG ESARKSMESD PEDFSDETNT ETLYGTSPPS TPRQMKRLSA KHQRNSAGRP ASRSNLKEKM NTPSQSPHKD LGKGVETVEE YSYKQEKKIR ATLRTTERDH KKNAQCSFML DSVAGSLPKK SIPDVDLNKP YLSLGCSNAK LPVSMPPMIA RTARQTSRTD CPADRLKFFE TLRLLKLTS VSKKKDREQR GQENTAAFWF NRSNELIWLE LQAWHAGRTI NDQDLFLYTA RQAIPDIINE ILTFKVNYGS IAFSSNGAGF NGPLVEGQCR TPQETNRVGC SSYHEHLQRQ RVSFEQVKRI MELLEYMEAL YPSLQALQKD YERYAAKDFE DRVQALCLWL NITKDLNQKL RIMGTVLGIK NLSDIGWPVF EIPSPRPSKG YEPEDVEDT EVELRELESG TEESDEEPTP SPRVPELRLS TDAILDSRSQ GCVSRKLERL ESEEDSIGWG TADCGPEASR HCLTSIYRPF VDKALKQMGL RKLILRLHKL MNGSLQRARV ALVKDDRPVE FSDFPGPMWG SDYVQLSGTP PSSEQKCSAV SWEELRAMDL PSFEP AFLVL CRVLLNVIHE CLKLRLEQRP AGEPSLLSIK QLVRECKEVL KGGLLMKQYY

QFMLQEVLGG LEKTD CNMDA FEEDLQKMLM VYFDYMRSWI QMLQQLPQAS HSLKNLLEE
WNFTKEITHY IRGGEAQAGK LFCDIAGMLL KSTGSFLESG LQESCAELWT SADDNGAADE
LRRSVIEISR ALKELFHEAR ERASKALGFA KMLRKDLEIA AEFVLSASAR ELLDALKAKQ
YVKVQIPGLE NLHVFVPSDL AEEKIILQL LNAATGKDCS KDPDDVFMDA FLLLT KHGDR
ARDS EDGWGT WEARAVKIVP QVETVDTLRS MQVDNLLL VV MESAHLVLQR KAFQQSIEGL
MTVRHEQTSS QPIIAKGLQQ LKNDAL ELCN RISDAIDRVD HMFTLEFDAE VEESESATLQ
QYYREAMIQG YNFGFEYHKE VVRLMSGEFR QKIGDKYISF AQKWMNYVLT KCESGRGTRP
RWATQGDFDL QAIEPAFISA LPEDDFLSLQ ALMNECIGHV IGKPHSPVTA IHRNSPRPVK
VPRCHSDPPN PHLIPTPEG FSTRSVPSDA RTHGNSVAAA AAVAAAATTA AGRPGPGGGD
SVPAPKVNTA PDTRGSSVPE NDRLASIAAE LQFRSLSRHS SPTEERDEPA YPRSDSSGST
RRSWELRTLI SQT KDSASKQ GPIEAIQKSV RLFEERRYRE MRRKNIIGQV CDTPKSYDNV
MHVGLRKVTF KWQRGNKIGE GQYGK VYTCI SVDTGELMAM KEIRFQPN DH KTIKETADEL
KIFEGIKHPN LVRYFGVELH REEMYIFMEY CDEGTLEEV S RLGLQEHVIR LYTKQITVAI
NVLHEHGIVH RDIKGANIFL TSSGLIKLGD FGCSVKL KNN AQTMPGEVNS TLGTAAYMAP
EVITRAKGEG HGRAADIWSL GCVVIEMVTG KRPWHEYEHN FQIMYKVG MG HKPPIPERLS
PEGKAFLSHC LESDPKIRWT ASQLLDHAFV KVCTDEE **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:

- 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

Product Details

Grade: custom-made

Target Details

Target:	MAP3K4
Alternative Name:	Map3k4 (MAP3K4 Products)
Background:	Mitogen-activated protein kinase kinase kinase 4 (EC 2.7.11.25) (MAPK/ERK kinase kinase 4) (MEK kinase 4) (MEKK 4),FUNCTION: Component of a protein kinase signal transduction cascade. Activates the CSBP2, P38 and JNK MAPK pathways, but not the ERK pathway. Specifically phosphorylates and activates MAP2K4 and MAP2K6. {ECO:0000269 PubMed:16157600, ECO:0000269 PubMed:9079650}.
Molecular Weight:	179.8 kDa
UniProt:	O08648
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