

Datasheet for ABIN7554437

MAP3K4 Protein (AA 1-1608) (His tag)



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Overview

Quantity:	1 mg
Target:	MAP3K4
Protein Characteristics:	AA 1-1608
Origin:	Human
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 mammalian cells.
Sequence:	MREAAAALVP PPAFAVTPAA AMEEPPPPPP PPPPPPEPET ESEPECCLAA RQEGTLGDSA CKSPESDLED FSDENTENL YGTSPSTPR QMKRMSTKHQ RNNVGRPASR SNLKEKMNAP NQPPHKDTGK TVENVEEYSY KQEKKIRAAL RTTERDRKKN VQCSFMLDSV GGSLPKKSIP DVDLNKPYLS LGCSNAKLPV SVPMPPIARPA RQTSRTDCPA DRLKFFETLR LLLKLTSSVK KKDREQRGQE NTSGFWLNRS NELIWLELQA WHAGRTINDQ DFFLYTARQA IPDIINEILT FKVDYGSFAF VRDRAGFNGT SVEGQCKATP GTKIVGYSTH HEHLQRQRVS FEQVKRIMEL LEYIEALYPS LQALQKDYEK YAAKDFQDRV QALCLWLNIT KDLNQKLKRLIM GTVLGIKNLS DIGWPVFEIP SPRPSKGNEP EYEGDDTEGE LKELESSTDE SEEEQISDPR VPEIRQPIDN SFDIQRDCI SKKLERLESE DDSLGWGAPD WSTEAGFSRH CLTSIYRPFV DKALKQMGLR KLILRLHKLM DGSLQRARIA LVKNDRPVEF SEFPDPMWGS DYVQLSRTPP SSEEKCSAVS WEEKAMDLP SFEP AFLVLC RVLLNVIHEC LKLRLEQRPA GEPSLLSIKQ LVRECKEVLK

GGLLMKQYYQ FMLQEVEDL EKPDCNIDAF EEDLHKMLMV YFDYMRSWIQ MLQQLPQASH
SLKNLLEEEW NFTKEITHYI RGGEAQAGKL FCDIAGMLLK STGSFLEFGL QESCAEFWTS
ADDSSASDEI RRSVIEISRA LKELFHEARE RASKALGFAK MLRKDLEIAA EFRLSAPVRD
LLDVLKSKQY VKVQIPGLEN LQMFVPDTLA EEKSIIQLL NAAAGKDCSK DSDDVLIDAY
LLLTKHGDRA RSEDSDWGTW EAQPVKVVPQ VETVDTLRSM QVDNLLLVVM QSAHLTIQRK
AFQQSIEGLM TLCQEQTSSQ PVIKALQQL KNDALELCNR ISNAIDRVDH MFTSEFDAEV
DESESVTLQQ YYREAMIQGY NFGFEYHKEV VRLMSGEFRQ KIGDKYISFA RKWMNYVLTK
CESGRGTRPR WATQGFDLQ AIEPAFISAL PEDDFLSLQA LMNECIGHVI GKPHSPVTGL
YLAHRNSPR PMKVPRCHSD PPNPHLIPT PEGFSTRSMP SDARSHGSPA AAAAAAAAV
AASRPSPSGG DSVLPKSISS AHDTRGSSVP ENDRLASIAA ELQFRSLSRH SSPTEERDEP
AYPRGDSSGS TRRSWELRTL ISQSKDTASK LGPIEAIQS VRLFEEKRYR EMRRKNIIGQ
VCDTPKSYDN VMHVGLRKVT FKWQRGNKIG EGQYGKVYTC ISVDTGELMA MKEIRFQPN
HKTIKETADE LKIFEGIKHP NLVRYFGVEL HREEMYIFME YCDEGTLEEV SRLGLQEHVI
RLYSKQITIA INVLHEHGIV HRDIKGANIF LTSSGLIKLG DFGCSVKLKN NAQTMPGEVN
STLGTAAYMA PEVITRAKGE GHGRAADIWS LGCVVIEMVT GKRPWHEYEH NFQIMYKVG
M GHKPPIPERL SPEGKDFLSH CLESDPKMRW TASQLLDHSF VKVCTDEE **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) (MAP three kinase 1) (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:12052864, ECO:0000269 PubMed:9305639}.
Molecular Weight:	181.7 kDa
UniProt:	Q9Y6R4
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