

Datasheet for ABIN7561947

MAP3K15 Protein (AA 1-1331) (His tag)



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Overview

Quantity:	1 mg
Target:	MAP3K15
Protein Characteristics:	AA 1-1331
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP3K15 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Map3k15 Protein expressed in mammalian cells.
Sequence:	MEGGGGSGGG GGPVPAEAP EAGEPPQGRL PPGPEGAAGL AEPESTGDAA GGEAEGGRGP RRALRAVYVR SESSQGAAG GGPEAGALKC LLRACEAEGA HLTSPVFGE LDFGETAVLDA FYDADVAIVD MSDISRQPSL FYHLGVRESF DMANNVILYY DTDADTALS LKDMVTQKNTA SSGNYYFIPY TVTPCADYFC CESDAQRRAS EYMQPNWDTI LGPLCMPLVD RFTSLLKDIR VTSCAYYKET LLNDIRKARE KYQGDELAKE LTRIKFRMDN IEVLTSIII NLLLSYRDIQ DYDAMVKLVE TLKMLPTCDL ADQHNIKFIH AFALNRRNST GDREKALQVM LQVLQSCDHP APDMFCLCGR IYKDIFLDG CEEDASRDSA IEWYRKGFEL QSSLYSGINL AVLLIVSGQQ FETSMELRKI GVRLNSLLGR KGSLEKMNNY WDVGQFFTVS MLASDIGKAV QAAERLFKLK PPVWYLRSLV QNLLLIQRFK KPITEHSPRQ ERLNFWLDII FEATNEVTNG LRFPVLVIEP TKVYQPSYVS INNEAEERTV SLWHVSPTEM KQIHEWNFTA SSIKGISLSK FDERCCFLYV HDNSDDFQIY FSTEDQCNRF CSLVKEMLNN GVGSTVELEG EADGDTLEYE YDHDANGERV

VLGKGSYGIV YAGRDLSNQV RIAIKEIPER DIRYSQPLHE EIALHKYLKH RNIVQYLGSV
SENGYIKIFM EQVPGGSLSA LLRSKWGPMK EPTIKFYTKQ ILEGLKYLHE NQIVHRDIKG
DNVLVNTYSG VVKISDFGTS KRLAGINPCT ETFTGTLQYM APEIIDQGPR GYGAPADIWS
LGCTIEMAT SRPPFHELGE PQAAMFKVGM FKIHP EIPEA LSAEARAFIL SCFEPDPQKR
VTAADLLQEG FLRQVNGKGG NRIAFKPSEG VRSGTGTLAL PSSGELVGSS SSEHGSISPD
SDAQPDASSE KVVQPKHQLS HLLSVPDESP ALDDRSTALP PEERDPGLFL LRKDSERRAI
LYRILWEEQN QVASNLQECV VQSSEELLLS VSHIKQIIGI LRDFIRSPEH RVMAATISKL
KVDLDFDSSS INQIHLILFG FQDAVNRILR NHLIRPHWMF AMDNIIRRAV QAAVTILPE
LQAHFEPASE TEGVDKDTEV EGDYPLVDLL SQEVHVTGPRG TRPGSVAIQE GQPHQQDPSL
QLSKLRQETN RLWEHLVQKE REYQNLLRLI LDQKTQELYH LQLQYKSNNG TENPPPDGL
GTDRELIDWL QLQGV DANTI EKIVEEDYTL SDILNDITKE DLRLCLRLRGG VLCRLWHA VS
QHRRQM QESS Q **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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MAP3K15
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Target Details

Alternative Name:	Map3k15 (MAP3K15 Products)
Background:	Mitogen-activated protein kinase kinase kinase 15 (EC 2.7.11.25) (MAPK/ERK kinase kinase 15) (MEK kinase 15) (MEKK 15),FUNCTION: Serine/threonine kinase which acts as a component of the MAP kinase signal transduction pathway. Once activated, acts as an upstream activator of the p38 MAPK signal transduction cascade through the phosphorylation and activation of several MAP kinase kinases. May function in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis. Involved in phosphorylation of WNK4 in response to osmotic stress or hypotonic low-chloride stimulation via the p38 MAPK signal transduction cascade. {ECO:0000250 UniProtKB:Q6ZN16}.
Molecular Weight:	149.3 kDa
UniProt:	A2AQW0

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