

Datasheet for ABIN7554436

MAP3K15 Protein (AA 1-1313) (His tag)



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Overview

Quantity:	1 mg
Target:	MAP3K15
Protein Characteristics:	AA 1-1313
Origin:	Human
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:	MESGGGNAPA GALGAASESP QCPPPPGVEG AAGPAEPDGA AEGAAGGSGE GESGGGPRRA LRAVYVRSES SQGGAAGGPE AGARQCLLRA CEAEGAHLTS VPFGELDFGE TAVLDAFYDA DVAVVDMSDV SRQPSLFYHL GVRESFDMAN NVILYHDTDA DTALSLKDMV TQKNTASSGN YYFIPYIVTP CADYFCCESD AQRRASEYMQ PNWDNILGPL CMPLVDRFIS LLKDIHVTSC VYYKETLLND IRKAREKYQG EELAKELARI KLRMDNTEVL TSDIINLLL SYRDIQDYDA MVKLVETLEM LPTCDLADQH NIKFHAFAL NRRNSTGDRE KALQIMLQVL QSCDHPGPDM FCLCGRIYKD IFLDSDCKDD TSRDSAIEWY RKGFEQSSL YSGINLAVLL IVAGQQFETS LELRKIGVRL NSLLGRKGSL EKMNNYWDVG QFFSVSMLAH DVGKAVQAAE RLFKLKPPVW YLRSLVQNLL LIRRFKKTII EHSPRQERLN FWLDIIFEAT NEVTNGLRFP VLVEPTKVY QPSYVSINNE AEERTVSLWH VSPTMKQMH EWNFTASSIK GISLSKFDER CCFLYVHDNS DDFQIYFSTE EQCSRFFSLV KEMITNTAGS TVELEGETDG DTLEYEYDHD ANGERVVLGK

GTYGIVYAGR DLSNQVRIAI KEIPERDSRY SQPLHEEIAL HKYLKHRNIV QYLGSVSENG
YIKIFMEQVP GGSL SALLRS KWGPMKEPTI KFYTKQILEG LKYLHENQIV HRDIKGDNLV
VNTYSGVVKI SDFGTSKRLA GVN PCTETFT GTLQYMAPEI IDQGPRGYGA PADIWSLGCT
IEMATSKPP FHELGE PQAA MFKVGMFKIH PEIPEALSAE ARAFILSCFE PDPHKRATTA
ELLREGFLRQ VNKGKKNRIA FKPSEGPRGV VLALPTQGEP MATSSSEHGS VSPDSDAQPD
ALFERTRAPR HHLGHLLSVP DESSALED RG LASSPEDRDQ GLFLLRKDSE RRAILYKILW
EEQNQVASNL QECVAQSSEE LHLSVGHKIQ IIGILRDFIR SPEHRVMATT ISKLKVDLDF
DSSSISQIHL VLFGFQDAVN KILRNHLIRP HWMFAMDNI RRAVQAAVTI LIPELRAHFE
PTCETEGVDK DMDEAEEGY PATGPGQEAQ PHQQHLSLQL GELRQETNRL LEHLVEKERE
YQNLLRQTLE QKTQELYHLQ LKLKSN CITE NPAGPYGQRT DKELIDWLRL QGADAKTIEK
IVEEGYTLSD ILNEITKEDL RYLRLRGGL CRLWSAVSQY RRAQEASETK DKA **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) (Apoptosis signal-regulating kinase 3) (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 (PubMed:20362554, PubMed:26732173). Once activated, acts as an upstream activator of the p38 MAPK signal transduction cascade through the phosphorylation and activation of several MAP kinase kinases (PubMed:20362554, PubMed:26732173). May function in a signal transduction pathway that is activated by various cell stresses and leads to apoptosis (PubMed:20362554). Involved in phosphorylation of WNK4 in response to osmotic stress or hypotonic low-chloride stimulation via the p38 MAPK signal transduction cascade (PubMed:26732173). {ECO:0000269 PubMed:20362554, ECO:0000269 PubMed:26732173}.
Molecular Weight:	147.4 kDa
UniProt:	Q6ZN16

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