

Datasheet for ABIN7563644

MAP3K13 Protein (AA 1-959) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | MAP3K13 |
| Protein Characteristics: | AA 1-959 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This MAP3K13 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat Map3k13 Protein expressed in mammalian cells. |
| Sequence: | <p>MANPQEHLSG SSLPHLPLTE NKTSGGRNEL AAMGNHPSPK LPEDPQERGA IQSELMEITG</p> <p>SPISTTVLTS VSEDSRGQFE NSVLQLREQD ESEMTLSLGN SNTVDGENTN GPEDIKIQFS</p> <p>RSGSGSGGFL EGLFGCLRPV WNIIGKAYST DYKLQQQDTW EVPFEEISEL QWLGSGAQGA</p> <p>VFLGKFRAEE VAIKKVREQN ETDIKHLRKL KHPNIIAFKG VCTQAPCYCI IMEYCAHGQL</p> <p>YEVLRAGRKI TPRLLVDWST GIASGMNYLH LHKIIHRDLK SPNVLVTHTD AVKISDFGTS</p> <p>KELSDKSTKM SFAGTVAWMA PEVIRNEPVS EKVDIWSFGV VLWELLTGEI PYKDVDSSAI</p> <p>IWVGVSNSLH LPVPSTCPDG FKILMKQTWQ SKPRNRPSFR QTLMHLDIAS ADVLATPQET</p> <p>YFKSQAWEV EVKKHFEEKI SEGTCIHRDL EELIRRRREE LRHALDIREH YERKLERANN</p> <p>LYMELSAIML QLEMREKELL KREQAVEKKY PGTYKRHPVR PIIHPNAMEK LMKRKGVPKH</p> <p>AGVQTKRPDL LRSEGIPSTE AVPTASPLSG SPKMSTASSR SRYRSKPRHR RGNSRGSBSD</p> <p>FAAILKTQPA QENSPHPTYM HHTQAQCASV HQHNPLQQQY QQIPPAQPQS RHPRLNAHGQ</p> |

DIATCANNLR YFGPAAALRS PLSNHAQRQM PGSSPDLIST AMAADWRNSE LDQDQVGPWG
CCQAEPYDPC FQCRPEHSGS LDVPTTEPVG RSPDLSSSPA HNPLSGNAQG SERTGANGFS
GCQSGISHQF TPPMLPQKTR PLQKSGDDSS EEEGEVDSEV EFRRRQRPHR CISSYQSYST
FSSNFVSVD GEEGNTSDHS NSPDESANRR QDRLAETLDD LLSQTPEAPI EISSHSDGLS
DKECAVRRVK TQMSLGKLCA EERGYENPVQ FGSDSDCSSE GECSDATVRT SKNYSSATW

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.

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| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <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

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| Target: | MAP3K13 |
| Alternative Name: | Map3k13 (MAP3K13 Products) |
| Background: | Mitogen-activated protein kinase kinase kinase 13 (EC 2.7.11.25),FUNCTION: Activates the JUN N-terminal pathway through activation of the MAP kinase kinase MAP2K7. Acts synergistically with PRDX3 to regulate the activation of NF-kappa-B in the cytosol. This activation is kinase-dependent and involves activating the IKK complex, the IKBKB-containing complex that phosphorylates inhibitors of NF-kappa-B (By similarity). {ECO:0000250}. |

Target Details

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| Molecular Weight: | 107.0 kDa |
| UniProt: | Q1HKZ5 |
| Pathways: | Signaling Events mediated by VEGFR1 and VEGFR2 |

Application Details

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| 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

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| 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 |