

Datasheet for ABIN7549187

MAP4K5 Protein (AA 1-846) (His tag)



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Overview

Quantity:	1 mg
Target:	MAP4K5
Protein Characteristics:	AA 1-846
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAP4K5 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MAP4K5 Protein expressed in mammalian cells.
Sequence:	<p>MEAPLRPAAD ILRRNPQQDY ELVQRVGSGT YGDVYKARNV HTGELAAVKI IKLEPGDDFS</p> <p>LIQQEIFMVK ECKHCNIVAY FGSYLSREKL WICMEYCGGG SLQDIYHVTG PLSELQIAYV</p> <p>CRETLQGLAY LHTKGKMHDR IKGANILLTD HGDVKLADFG VAAKITATIA KRKSFIGTPY</p> <p>WMAPEVAAVE KNGGYNQLCD IWAVGITAIE LGELQPPMFD LHPMRALFLM SKSNFQPPKL</p> <p>KDKTKWSSTF HNFVKIALTK NPKKRPTAER LLTHTFVAQP GLSRALAVEL LDKVNNPDNH</p> <p>AHYTEADDDD FEPHAIRHT IRSTNRNARA ERTASEINF D KLQFEPPLRK ETEARDEMGL</p> <p>SSDPNFMLQW NPFVDGANTG KSTSKRAIPP PLPPKPRISS YPEDNFPDEE KASTIKHCPD</p> <p>SESRAPQILR RQSSPSCGPV AETSSIGNGD GISKLMSENT EGSAQAPQLP RKKDKRDFPK</p> <p>PAINGLPPTP KVLMGACFSK VFDGCPKIN CATSWIHPDT KDQYIIFGTE DGIYTLNLNE</p> <p>LHEATMEQLF PRKCTWLYVI NNTLMSLSVG KTFQLYSHNL IALFEHAKKP GLAAHIQTHR</p> <p>FPDRILPRKF ALTTKIPDTK GCHKCCIVRN PYTGHKYLCG ALQSGIVLLQ WYEPMQKFML</p>

Product Details

IKHFDPLPS PLNVFEMLVI PEQEYPMVCV AISKGTESNQ VVQFETINLN SASSWFTEIG
AGSQQLDSIH VTQLERDTVL VCLDKFVKIV NLQGKLGSSK KLASLSFDF RIESVCLQD
SVLAFWKHGM QGKSFKSDEV TQEISDETRV FRLLGSDRVV VLESRPTEPN TAHSNLYILA
GHENSY **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:	<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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MAP4K5
Alternative Name:	MAP4K5 (MAP4K5 Products)
Background:	Mitogen-activated protein kinase kinase kinase kinase 5 (EC 2.7.11.1) (Kinase homologous to SPS1/STE20) (KHS) (MAPK/ERK kinase kinase kinase 5) (MEK kinase kinase 5) (MEKKK 5),FUNCTION: May play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. {ECO:0000269 PubMed:9038372}.
Molecular Weight:	95.0 kDa
UniProt:	Q9Y4K4

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.
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Restrictions:	For Research Use only
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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