

Datasheet for ABIN7564054
MAPKBP1 Protein (AA 1-1503) (His tag)



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Overview

Quantity:	1 mg
Target:	MAPKBP1
Protein Characteristics:	AA 1-1503
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAPKBP1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mapkbp1 Protein expressed in mammalien cells.
Sequence:	<p>MMAGEGSTIT SRIKLLRSP SIKLRRSKAG NRREDLSSKV TLEKVLGTV SGGRLACDP RSLVAYSAG CVVLFNPRK HKQHHILNSS RKTITALAFS PDGKYLVTGE SGHMPAVRVW DVAERSQVAE LQEHKYGVAC VAFSPSAKYI VSVGQHDMI VNVWAWKKNI VVASNKVSSR VTAVSFSEDC SYFVTAGNRH IKFWYLDISK TSKVNATVPL LGRSGLLGEL RNNLFTDVAC GRGEKADSTF CITSSGLLCE FSDRRLLDKW VELRTTVAHC ISVTQEYIFC GCADGTVRLF NPSNLHFLST LPRPHALGTD IASITEASRL FSGGVNARYP DTIALTFDPT NQWLSCVYND HSIYVWDVRD PKKVGKVYSA LYHSSCVWSV EVYPEIKDSH QAQLPSSFI TCSSDNTIRL WNTESSGVHG STLHRNILSN DLIKIYVDG NTQALLDTEL PGGDKADGSL MDPRVGIRSV CISPNGQHLA SGDRMGTLRI HELQSLSEML KVEAHDSEIL CLEYSKPD TG LKLLASASRD RLIHVLDAGR EYSLQQTLD E HSSITAVKF AASDGQVRMI SCGADKSIYF RTAQKSGEGV QFTRTHHVVR KTTLYDMDVE PSWKYTAIGC QDRNIRIFNI SSGKQKFLK GSQGEDGTLI</p>

KVQTDPSGIY IATSCSDKNL SIFDFSSGEC VATMFGHSEI VTGMKFSNDC KHLISVSGDS
CIFVWRLSSE MTISMRQLA ELRQRQGIK QQGPTSPQRA SGAKQHHPV VPPSGPALSS
DSDKEGEDEG TEEEELPALP ILSKSTKKEK ASGSSPALLR SLSHWEMSRA QETMEYLDPA
PVANTGPKRR GRWAQPGVEL SVRSMLDLRQ IETLAPSPRG PSQDSLAVSP AGPGKHGPQG
PELSCVSQNE RAPRLQTSQP CSCPHIIQLL SQEEGVFAQD LEPAPIEDGI VYPEPSDSPT
MDTSAFQVQA PTGGSLGRMY PGSRGSEKHS PDSACSVSDYS SSRLSSPEHP NEDSESTEPL
SVDGISSDLE EPAEGDEDEE EEGGTGLCGL QEGGPHTPDQ EQFLKQHFET LANGTAPGGP
ARVLERTESQ SISSRFLQV QTSPLREPSL SSSGLALTSR PDQVSQVSGE QLKGGSGATPP
GAPPEMEPSS GNSGPKQVAP VLLTRRHNNL DNSWASKKMA ATRPLAGLQK AQSVHSLVPQ
DEVPSRPLL FQEAETQGS LSLPQAGGCS SQPHSYQNHT TSSMAKLARS ISVGENPGLA
TEPQAPVPIR ISPFNKLALP SRAHLVLDIP KPLPDRPTLT TFSPVSKGLA HNETEQSGPL
VSLGKAHTTV EKHSCLGEGT THKSRTECQA YPGPNHPCAQ QLPVNNLLQG PESLQPLSPE
KTRNPVESSR PGVALSQDSE LALSLQQCEQ LVAELQGNVR QAVELYRAVT SYKTPSAEQS
HITRLLRDTF SSVRQELEVEL AGAVLSSPGG SPGAVGAEQT QALLEQYSEL LLRAVERRME RRL

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

Grade: custom-made

Target Details

Target:	MAPKBP1
Alternative Name:	Mapkbp1 (MAPKBP1 Products)
Background:	Mitogen-activated protein kinase-binding protein 1 (JNK-binding protein 1) (JNKBP-1),FUNCTION: Negative regulator of NOD2 function. It down-regulates NOD2-induced processes such as activation of NF-kappa-B signaling, IL8 secretion and antibacterial response (By similarity). Involved in JNK signaling pathway (PubMed:10471813). {ECO:0000250 UniProtKB:O60336, ECO:0000269 PubMed:10471813}.
Molecular Weight:	162.9 kDa
UniProt:	Q6NS57

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