

Datasheet for ABIN7564184

MROH2B Protein (AA 1-1581) (His tag)

3 Images



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Overview

Quantity:	1 mg
Target:	MROH2B
Protein Characteristics:	AA 1-1581
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MROH2B protein is labelled with His tag.

Product Details

Purpose:	Made-to-order recombinant Mroh2b Protein expressed in mammalian cells.
Sequence:	MEEYGDMFGD INLTIGMLSK EDNISKEDIY CHLTSTFIQNT DIMDDAIVQR LIYYTSKDMR DEEIPRELRM LAGEVLVSLA AHDFNSVMYE VQSNFRILEL PNEFVVLALA ELATSYVVSQS IPFMMMTLLT MQTMLRLVED ENMRQTFCIA LENFSKSIYK YVNHWKDFPY PKLDANRLSD KIFMLFRYIM EKWAPQASPM HALAIKAHG PTVSLLHRE DFCEFALSQI SWLLLQYRDK ENDFYITQSL KQILTAAVLY DIALPKNLRR SVLSLLHQI CKVPEPPIKE NKLEASSCFL ILAHANPVDL LDFFDEQIRS TNEAVRTGIL TLLRSTINAE EPKFRNHTTS IEKTVKLVMG DLSVKVRKST LLLIQTMCCK GYIEAREGWP LIDYIFSQFA MSNRNLENPI KSNSQEDENG EKSVQETSLE VLKSLDPLVI GMPQVLWPRI LTYVVPKEYT GTLDYLFNII RILIMAEKK KRDIQESTAL VVSTGAVKLP SPQQLLARLL VISILASLGQ LCGAGAIGLL KIMPEIIHPK LAEMWKTRMP ALLQPLEGSN ASIVLWETML LQLLKESLWK ISDVAWTSQI SRDFSLQMGS YSNSSMEKKF LWKALGTTLA SCQDKDFVSS QINEFLVTPS LLGDHRQGTT SILGFCAENH LDIVLNVLKT FQDKEKFFVN RCKGIFSGKK SLTKTDLILI YGAVALHAPK QQLLARLDQD

IMGQILLLYG QCCQILGVSV INKDMDLQMS FTRSITEVGI AVQDAEDQKF QFTYKEMLIG
SMLDLIKDEP LNTLASPV RW KVLIAIRYLS KLKPALSLND HLNILEENIR RLLPLPPLEK
LKSQGETDKD RERIEFLYER SMDALGKLLR SMIWDNTDAQ NCEEMFNLLR MWLV SQKQWE
RERAFQVTSK VLTKDVEAPQ NFRIGSLLGL LAPHSCDTLP TIRQAATSST IGLLCAKGIC
QEVDR LQGLQ EGLDSEDEQV QIKISSKIAK IVCKFIPSEE IQVFLEETLD GLETLDPLCT
KACGIWMIAA LKEHGALLED QLLEILSTIY HHMPVLRQKE ESFQFMLEAI SQIASFHMDA
VVNNLLQKPL PFDRDTKTLW KALAENPASS GKLMRALIKK LVARLEDDIA GTEAISVACA
IYEVILTGAH ITHLYPELFT LLLKLVSCSL GQKMPMSTLS QRRRV MQLGE RQRFDPDCRL
STATLKCLQA QAMREGLAKE SDEGDNLWTL LSNPDTHHIG VCALARSMAY WQHGVILDIM
EHLSSLTSS SENYRITGMA FFESELMKEPI LWKHG NLRDV LIFMDQ NARD SNAILRQMAI
RGLGNTACGA PHKVRKYQM MLECIIRGLY HLARTEVVCE SLKALKKILE LLTERDINFY
FKEIVLQTRT FFEDEQDDVR LTAISLFEDL ATLTGRRWKI FFAEEVKKSM ISFLLHLWDP
NPKIGAACRD VLVICIPFLG LQELYGLLDH LLERDLPRAR DFYRQLCMKL SKKNQEILWI
LHTHSFTFFT SSWEMIRSAA VKLTDAILH LTKRYVELLD REQLTMRLQA LRQDPCISVQ
RAAEATLQTL LRRCKEISIP L

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.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Product Details

Grade: custom-made

Target Details

Target: MROH2B

Alternative Name: Mroh2b

Background: Maestro heat-like repeat-containing protein family member 2B (HEAT repeat-containing protein 7B2) (Sperm PKA-interacting factor) (SPIF),FUNCTION: May play a role in the process of sperm capacitation (PubMed:27105888). {ECO:0000269|PubMed:27105888}.

Molecular Weight: 180.5 kDa

UniProt: [Q7M6Y6](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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



Protein Structure

Image 1. AlphaFold protein structure prediction of Mouse Recombinant Mroh2b Protein, UniprotID Q7M6Y6



Protein Structure

Image 2. AlphaFold protein structure prediction of Mouse Recombinant Mroh2b Protein, UniprotID Q7M6Y6



Protein Structure

Image 3. AlphaFold protein structure prediction of Mouse Recombinant Mroh2b Protein, UniprotID Q7M6Y6

