

Datasheet for ABIN7554524
MAK Protein (AA 1-623) (His tag)



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Overview

Quantity:	1 mg
Target:	MAK
Protein Characteristics:	AA 1-623
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAK protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MAK Protein expressed in mammalian cells.
Sequence:	<p>MNRYTTMRQL GDGTYGSVLM GKSNESEGELV AIKRMKRKFY SWDECMNLRE VKSLKKNLHA</p> <p>NVIKLKEVIR ENDHLYFIFE YMKENLYQLM KDRNKLFPES VIRNIMYQIL QGLAFIHKHG</p> <p>FFHRDMKPEN LLCMGPELVK IADFGGLAREL RSQPPYTDYV STRWYRAPEV LLRSSVYSSP</p> <p>IDVWAVGSIM AELYMLRPLF PGTSEVDEIF KICQVLGTPK KSDWPEGYQL ASSMNFRRFPQ</p> <p>CVPINLKTLL PNASNEAIQL MTEMLNWDPK KRPTASQALK HPYFQVGQVL GPSSNHLESK</p> <p>QSLNKQLQPL ESKPSLVEVE PKPLPDIDQ VVGQPQPKTS QQPLQPIQPP QNLSVQQPPK</p> <p>QQSQEKPPQT LFPSIVKNMP TKPNGTLSHK SGRRRWGQTI FKSGDSWEEL EDYDFGASHS</p> <p>KKPSMGVFKE KRKKDSPFRL PEPVPSGSNH STGENKSLPA VTSLSKDSSEL STAPTSKQYY</p> <p>LKQSRYPGV NPKKVSLIAS GKEINPHTWS NQLFPKSLGP VGAELAFKRS NAGNLGSYAT</p> <p>YNQSGYIPSF LKKEVQSAGQ RIHLAPLNAT ASEYTWNTKT GRGQFSGRTY NPTAKNLNIV</p> <p>NRAQPIPSVH GRTDWWAKYG GHR Sequence without tag. The proposed Purification-Tag is</p>

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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	MAK
Alternative Name:	MAK (MAK Products)
Background:	<p>Serine/threonine-protein kinase MAK (EC 2.7.11.1) (Male germ cell-associated kinase),FUNCTION: Essential for the regulation of ciliary length and required for the long-term survival of photoreceptors (By similarity). Phosphorylates FZR1 in a cell cycle-dependent manner. Plays a role in the transcriptional coactivation of AR. Could play an important function in spermatogenesis. May play a role in chromosomal stability in prostate cancer cells.</p> <p>{ECO:0000250, ECO:0000269 PubMed:12084720, ECO:0000269 PubMed:16951154, ECO:0000269 PubMed:21986944}.</p>
Molecular Weight:	70.6 kDa
UniProt:	P20794

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