

Datasheet for ABIN7554439

AATK Protein (AA 1-1374) (His tag)



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Overview

Quantity:	1 mg
Target:	AATK
Protein Characteristics:	AA 1-1374
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AATK protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat AATK Protein expressed in mammalian cells.
Sequence:	MSSSFFNPSF AFSSHFDPDG APLSELSWPS SLAVVAVSFS GLFAVIVLML ACLCCKKGGI GFKEFENAEG DEYAADLAQG SPATAAQNGP DVYVLPLTEV SLPMKQPGR SVQLLKSTDV GRHSLLYLKE IGRGWFGKVF LGEVNSGISS AQVVVKELQA SASVQEQMQF LEEVQPYRAL KHSNLLQCLA QCAEVTPYLL VMEFCPLGDL KGYLRSCRVA ESMAPDPRTL QRMACEVACG VLHLHRNNFV HSDLALRNCL LTADLTVKIG DYGLAHCKYR EDYFVTADQL WVPLRWIAPE LVDEVHSNLL VVDQTKSGNV WSLGVTIWEL FELGTQPYPQ HSDQQLVAYT VREQQLKLPK PQLQLTSLDR WYEVMQFCWL QPEQRPTAEE VHLLLSYLCA KGATEAEEEF ERRWRSLRPG GGGVGPGPGA AGPMLGGVVE LAAASSFPLL EQFAGDGFHA DGDDVLTVTE TSRGLNFEYK WEAGRGAEAF PATLSPGRTA RLQELCAPDG APPGVVPVLS AHSPSLGSEY FIRLEEAAAPA AGHDPDCAGC APSPPATADQ DDDSDGSTAA SLAMEPLLGH GPPVDVPWGR GDHYPRRSLA RDPLCPSRSP SPSAGPLSLA EGGAEDADWG VAAFCPAFFE DPLGTSP LGS SGAPPLPLTG

EDELEEVGAR RAAQRGHWRS NVSANNNSGS RCPESWDPVS AGGHAEGCPS PKQTPRASPE
PGYPGEPLL LQAASAEQEPG CCPGLPHLCS AQGLAPAPCL VTPSWTETAS SGGDHPQAEF
KLATEAEGTT GPRLPLPSVP SPSQEGAPLP SEEASAPDAP DALPDSPTPA TGGEVSAIKL
ASALNGSSSS PEVEAPSSSED EDTAEATSGI FTDTSDDLQ ARRPDVVPF RSLQKQVGTP
DSLDSLIPS SASDGGYEVF SPSATGPSGG QPRALDSGYD TENYESPEFV LKEAQEGCEP
QAFELASEG EGPGETRLS TSLGLNEKN PYRDSAYFSD LEAEAEATSG PEKKCGGDRA
PGPELGLPST GQPSEQVCLR PGVSGEAQGS GPGEVLPLL QLEGSSPEPS TCPSGLVPEP
PEPQGPAKVR PGSPSCSQF FLLTPVPLRS EGNSSFEQGP PGLLSGPAPQ KRMGGPGTPR
APRLALPGL PAALEGRPEE EEEDSEDSDE SDEELRCYSV QEPSEDSEEE APAVPVVVAE
SQSARNLRL LKMPSSLSET FCEDLERKKK AVSFFDDVTY YLFDQESPTR ELGEPFPGAK
ESPPTFLRGS PGSPSAPNRP QQADGSPNGS TAEEGGGFAW DDDFPLMTAK AAFAMALDPA
APAPAPTPT PAPFSRFTVS PAPTFRFSIT HVSDSDAESK RGPEAGAGGE SKEA **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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	AATK
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Target Details

Alternative Name:	AATK (AATK Products)
Background:	Serine/threonine-protein kinase LMTK1 (EC 2.7.11.1) (Apoptosis-associated tyrosine kinase) (AATYK) (Brain apoptosis-associated tyrosine kinase) (CDK5-binding protein) (Lemur tyrosine kinase 1) (p35-binding protein) (p35BP),FUNCTION: May be involved in neuronal differentiation. {ECO:0000269 PubMed:10837911}.
Molecular Weight:	144.6 kDa
UniProt:	Q6ZMQ8
Pathways:	RTK Signaling, Regulation of Cell Size

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