

Datasheet for ABIN7564298

AATK Protein (AA 1-1365) (His tag)



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Overview

Quantity:	1 mg
Target:	AATK
Protein Characteristics:	AA 1-1365
Origin:	Mouse
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 mammalien cells.
Sequence:	MSSSFFNPSF AFSSHFDPDG APLSELSWSS SLAVVAVSFS GIFTVVILML ACLCCKKGGI GFKEFENAEG DEYVADFSEQ GSPAAAAQTG PDVYVLPLTE VSLPMAKQPG RSVQLLKSTD LGRHSLLYLK EIGHGWFGKV FLGEVHSGVS GTQVVVKELK VSASVQEQMQ FLEEAQPYRA LQHSNLLQCL AQCAEVTPYL LVMEFCPLGD LKGYLRSCRV TESMAPDPLT LQRMACEVAC GVLHLHRHNY VHSDLALRNC LLTADLTVKV GDYGLSHCKY REDYLVADQ LWVPLRWIAP ELVDEVHGNL LVVDQTKSSN VWSLGVTIWE LFELGAQPYP QHSDRQVLAY AVREQQLKLP KPQLQLALSD RWYEVQMFCW LQPEQRPTAE EVHLLLSYLC AKGTTELEEE FERRWRSLRP GGSTGLGSGS AAPAAATAAS AELTAASSFP LLERFTSDGF HVDSDDVLTV TETSHGLNFE YKWEAGCGAE EYPPSGAASS PGSAARLQEL CAPDSSPPGV VPVLSAHSPS VGSEYFIRLE GAVPAAGHDP DCAGCAPSPQ AVTDQDNNSE ESTVASLAME PLLGHAPTE GLWGPCDHHS HRRQGSPCPS RSPSPGTPML PAEDIDWGVA TFCPPFFDDP LGASPSGSPG AQPSPSDEEP

EEGKVGLAAQ CGHWSSNMSA NNNSASRDPE SWDPGYVSSF TDSYRDDCSS LEQTPRASPE
VGHLLSQEDP RDFLPGLVAV SPGQEPSRPF NLLPLCPAKG LAPAACLITS PWTEGAVGGA
ENPIVEPKLA QEAEGSAEPQ LPLPSVSPSPS CEGASLPSEE ASAPDILPAS PTPAAGSWWT
VPEPAPTLES SGSSLGQEAP SSEDEDTTEA TSGVFTDLSS DGPHTKSGI VPALRSLQKQ
VGTPDSLDSL DIPSSASDGG CEVLSPSAAG PPGGQPRAVD SGYDTENYES PEFVLKEAHE
SSEPEAFGEP ASEGESPGPD PLLSVSLGGL SKKSPYRDSA YFSDLDAESE PTFGPEKHSG
IQDSQKEQDL RSPSPGHQS VQAFPRSAVS SEVLSPQQS EEPLPEVPRP EPLGAQGPVG
VQVPVGPSSH KCFPLTSVPL ISESGSTEPQ GPSGQLSGRA QQGQMGNPST PRSPLCLALP
GHPGALEGRP EEDEDTEDSE ESDEELRCYS VQEPSEDSEE EPPAVPVVVA ESQSARNLRS
LLKMPSLLSE AFCDDLKK KAVSFFDDVT VYLFQESPT RETGEPFST KESLPTFLEG
GPSSPSATGL PLRAGHSPDS SAPEPGSRFE WDGDFPLVPG KAALVTELDP ADPVLAAPPT
PAAPFSRFTV SPTPASRFSI THISDSDAQS VGGPAAGAGG RYTEA **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:

AATK

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) (Lemur tyrosine kinase 1),FUNCTION: May be involved in neuronal differentiation. {ECO:0000250}.
Molecular Weight:	144.6 kDa
UniProt:	Q80YE4
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