

Datasheet for ABIN7552443

ATM Interactor Protein (ATMIN) (AA 1-823) (His tag)



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Overview

Quantity:	1 mg
Target:	ATM Interactor (ATMIN)
Protein Characteristics:	AA 1-823
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATM Interactor protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATMIN Protein expressed in mammalian cells.
Sequence:	MAASEAAAAA GSAALAAGAR AVPAATTGAA AAASGPWVPP GPRLRGSRRP PAGATQQPAV PAPPAGELIQ PSVSELSRAV RTNILCTVRG CGKILPNSPA LNMHLVKSHR LQDGIVNPTI RKDLKTGPKF YCCPIEGCPR GPERPFSQFS LVKQHFMKMH AEKKHKCSKC SNSYGTWDL KRHAEDCGKT FRCTCGCPYA SRTALQSHIY RTGHEIPAEH RDPPSKKRKM ENCAQNQKLS NKTIESLNNQ PIPRPDTQEL EASEIKLEPS FEDSCGSNTD KQTLTTPPRY PQKLLLPKPK VALVKLPVMQ FSVMPVFVPT ADSSAQPVVL GVDQGSATGA VHLMPLSVGT LILGLDSEAC SLKESLPLFK IANPIAGEPI STGVQVNF GK SPSNPLQELG NTCQKNSISS INVQTDLSYA SQNFIPSAQW ATADSSVSSC SQTDLSDFSQ VSLPISVHTQ TFLPSSKVTS SIAAQTDAFM DTCFQSGGVS RETQTSGIES PTDDHVQMDQ AGMCGDIFES VHSSYNVATG NIISNSLVAE TVTHSLLPQN EPKTLNQDIE KSAPIINFSA QNSMLPSQNM TDNQTQTIDL LSDLENILSS NLPAQTL DHR SLLSDTNPGP DTQLPSGPAQ NPGIDFDIEE FFSASNIQTQ TEESELSTMT TEPVLES LDI ETQTD FLLAD TSAQSYGCRG NSNFLGLEMF DTQTQTD LNF FLDSSPHLPL

Product Details

GSILKHSSFS VSTDSSDTET QTEGVSTAKN IPALESKVQL NSTETQTMSS GFETLGSLFF

TSNETQTAMD DFLLADLAWN TMESQFSSVE TQ TSAEPHTV SNF **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)

Grade: custom-made

Target Details

Target: ATM Interactor (ATMIN)

Alternative Name: ATMIN ([ATMIN Products](#))

Background: ATM interactor (ATM/ATR-substrate CHK2-interacting zinc finger protein) (ASCIZ) (Zinc finger protein 822),FUNCTION: Transcription factor. Plays a crucial role in cell survival and RAD51 foci formation in response to methylating DNA damage. Involved in regulating the activity of ATM in the absence of DNA damage. May play a role in stabilizing ATM. Binds to the DYNLL1 promoter and activates its transcription. {ECO:0000269|PubMed:15933716, ECO:0000269|PubMed:17525732, ECO:0000269|PubMed:22167198}.

Target Details

Molecular Weight: 88.3 kDa

UniProt: [O43313](#)

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