

Datasheet for ABIN7564103

ATM Interactor Protein (ATMIN) (AA 1-818) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATM Interactor (ATMIN)
Protein Characteristics:	AA 1-818
Origin:	Mouse
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:	MAATEAAAAD SAGPAPGVPA TPASTRGAAA ASSPWRPPES RLQGSRRPA RAAAAPVPP ARELIQPTVS ELSRAVRTNI LCTVRGCGKI LPNSPALNMH LVKSHRLQDG IVNPTIRKDL TTAPKFYCCP IKGCPRGPDR PFSQFSLVKQ HFMKMHAEKK HKCSKCSNSY GTEWDLKRHE EDCGKTFQCT CGCPYASRTA LQSHIYRTGH EIPAEHRDPP SKKRKMESYL QNQLSSKTT EPLSDQAAPR QDAAEPDAPE VKPAASLEDS CSAHTKKQSV ATPPRCPQKL LLPKPKVALV KLPVMQFSPV PVFVPTAESS AQPVVVLGVDH SSAAGTVHLV PLSVGALILS LDSEACSLKE SLPLSKIISP VVEPMNTGVQ VNLGKSLCSP LQEVGSVCQR TSISSSNVQT DLTYASANLI PSAQWLGPDV SVSSCSQTDL SFDSQVSLPV SVHTQTLVPS SKVTSSIAAQ TDAFIDACFQ PGGVSRETQT SRMQNRTNDS VPVGHGTGLCG DIFESVHASY SVPTDTIMSS SLVAETGTHG LPPQSDPKIL GQVMEKSAPV LNFSTQNGLL PAHTMTDNQT QTIDLLSDLE NILSSNLPQG TLDNRLLSD TNPGPDAQLP AGSAQNSGID FDIEEFLSAS NIQTQTEESE LSSMSTEPVL ESLDIETQTD VLLSDPSTQP YGFRAGSGFL GLEMFDQTQ TDLNFFLDSS PHLPLGSILK

Product Details

HSSFMSMSTDS SDTETQTEGA CPARHLPAL SKVQLSSTET QTMSSGFEP L GNLFLTSNET
QTAMDDFLLA DLAWNTMESQ FSSVETQTCA ELHAVSSF **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),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 (By similarity). Binds to the DYNLL1 promoter and activates its transcription. {ECO:0000250, ECO:0000269|PubMed:22167198}.

Target Details

Molecular Weight: 87.4 kDa

UniProt: [Q6P9S1](#)

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