

Datasheet for ABIN7564547

ATAD2 Protein (AA 1-1040) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATAD2
Protein Characteristics:	AA 1-1040
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATAD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Atad2 Protein expressed in mammalian cells.
Sequence:	<p>MSLLKMRRHA IHSSDSTSSS SSEDDCFERR TKRNRNRNRAIN RCLPLNFRKD EIRGIYKDRM</p> <p>KIGASLADVD PMQLDTSVRF DSVGGLSSHI AALKEMVVFP LLYPEVFEKF KIQPPRGCLF</p> <p>YGPPGTGKTL VARALANECs RGDKRVAFFM RKGADCLSKW VGESERQLRL LFDQAYQMRP</p> <p>AIIFDEIDG LAPVRSSRQD QIHSSIVSTL LALMDGLDSR GEIVVIGATN RLDSIDPALR</p> <p>RPGRFDREFL FSLPDKNARK EILKIHDRDW NPKPVDMFLE ELAEHCVGYC GADIKSICAE</p> <p>AALCALRRRY PQIYTTSEKL QLDLSSITIS AKDFEALQK IRPASQRAVT SPGQALSAIV</p> <p>KPLLQNTVHR ILDALQKVFP HVEVGNTKSL NSDVSCPFLS SDLAYSDDDT PSVYENGLSQ</p> <p>KENLNFLHLN RNACYQPMSF RPRLIVGEP GFGQSSHLAP AVIHALEKFT VYTLDIPVLF</p> <p>GISTTSPEEA CSQMIREAKR TAPSIVYVPH IHLWWEIVGP TLKATFTTLL QTIPSFAPVL</p> <p>LLATSEKPYS ALPEEVQELF THDYGEIFNV QLPDKEERTK FFEDLILKQA SKPPVSQKKA</p> <p>VLQALEVLPV APPPEPRPLT AEEVKRLEEQ EEDTFRELRI FLRNVTHRLA IDKRFRVFTK</p> <p>PVDPDEVDPY VTVIKQPMDL SSVISKIDLH KYLTVKDYLK DIDLICSNAL EYNPDRDPGD</p>

Product Details

RLIRHRACAL RDTAYAIKE ELDEDFEQLC EEIQESRKRR GCSSSKYAPS YYHVMPKQNS
PPVGDKKPDQ EQNEKLKVPC TPVACSTPAQ LKRKFHKKSK WHVGTKIKRR KISQAKDNSL
NAMNSSSRSD TEDSQHHAET HTEPGNTDES SVEESDKQNR LESNIDLKNN SSSSNIENEL
EPPKETTEGT ELRKDRIVCR GDASASQVTD IPEDSESKEM DFLRMTLARG SQVEQQELIS
MEQALAILSQ PTPSLVLDHK QLTNILKTVV KKSQKYNIFQ LENLYAVISQ CIYEHRDYYD
KTALVQKMEQ AVENFNCSRS **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: ATAD2

Alternative Name: Atad2 ([ATAD2 Products](#))

Background: ATPase family AAA domain-containing protein 2 (EC 3.6.1.-),FUNCTION: May be a transcriptional coactivator of the nuclear receptor ESR1 required to induce the expression of a subset of estradiol target genes, such as CCND1, MYC and E2F1. May play a role in the

Target Details

	recruitment or occupancy of CREBBP at some ESR1 target gene promoters. May be required for histone hyperacetylation (By similarity). {ECO:0000250}.
Molecular Weight:	117.9 kDa
UniProt:	Q8CDM1

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