

Datasheet for ABIN7552534  
**ATAD2 Protein (AA 1-1390) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	ATAD2
Protein Characteristics:	AA 1-1390
Origin:	Human
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:	MVVLRSSELEL HNNSAASATG SLDLSSDFLS LEHIGRRRLR SAGAAQKKPA ATTAKAGDGS SVKEVETYHR TRALRSLRKD AQNSSDSSFE KNVEITEQLA NGRHFTRQLA RQQADKKKEE HREDKVIPVT RSLRARNIVQ STEHLHEDNG DVEVRRSCRI RSRYSGVNQS MLFDKLITNT AEAVLQKMDD MKKMRRQMR ELEDLGVFNE TEESNLNMYT RGKQKDIQRT DEETTDNQEG SVESSEEGED QEHEDDGEDE DDEDDDDDDDD DDDDDDDDED EDEEDGEEEN QKRYLRQRK ATVYYQAPLE KPRHQKPN I FYSGPASP PAR PRYLSSAGP RSPYCKRMNR RRHAIHSSDS TSSSSSEDEQ HFERRRKR SR NRRAINRCLPL NFRKDELKGI YKDRMKIGAS LADVDPMLD SSVRFDSVGG LSNHIAALKE MVVFPLLYPE VFEKFKIQPP RGCLFYGPPG TGKTLVARAL ANECSQGDKR VAFFMRKGAD CLSKWVGESE QRLRLFDQA YQMRPSIIF DEIDGLAPVR SSRQDQIHSS IVSTLLALMD GLDSRGEIVV IGATNRLDSI DPALRRPGRF DREFLFLSPD KEARKEILKI HTRDWNPKPL DTFLEELAEN CVGYCGADIK SICAEALCA LRRRYPQIYT TSEKLQLDLS SINISAKDFE VAMQKMIPAS QRAVTSPGQA LSTVVKPLLQ NTVDKILEAL

QRVFPHAEFR TNKTLDSDIS CPLLESDLAY SDDDVPVSYE NGLSQKSSHK AKDNFNFLHL  
NRNACYQPMS FRPRILIVGE PGFGQGSHLA PAVIHALEKF TVYTLDIPVL FGVSTTSPEE  
TCAQVIREAK RTAPSIVYVP HIHVWWEIVG PTLKATFTTL LQNIPSFAPV LLLATSDKPH  
SALPEEVQEL FIRDYGEIFN VQLPDKEERT KFFEDLILKQ AAKPPISKKK AVLQALEVLP  
VAPPEPRSL TAEVKRLEE QEEDTFRELR IFLRNVTHRL AIDKRFRVFT KPVDPDEVPD  
YVTVIKQPM D LSSVISKIDL HKYLTVKDYL RDIDLICSNA LEYNPDRDPG DRLIRHRACA  
LRDTAYAIK EELDEDFEQL CEEIQESRKK RGCSSSKYAP SYYHVMPKQN STLVGDKRSD  
PEQNEKLTTP STPVACSTPA QLKRKIRKKS NWYLGTIKKR RKISQAKDDS QNAIDHKIES  
DTEETQDTSV DHNETGNTGE SSVEENEKQQ NASESKLELR NNSNTCNIEN ELED SRKTTA  
CTELRDKIAC NGDASSSQII HISENEGKE MCVLRMTRAR RSQVEQQQLI TVEKALAILS  
QPTPSLVVDH ERLKNLLKTV VKKSQNYNIF QLENLYAVIS QCIYRHRKDH DKTSLIQKME  
QEVENFSCSR **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 ( <a href="#">ATAD2 Products</a> )
Background:	ATPase family AAA domain-containing protein 2 (EC 3.6.1.-) (AAA nuclear coregulator cancer-associated protein) (ANCCA),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 recruitment or occupancy of CREBBP at some ESR1 target gene promoters. May be required for histone hyperacetylation. Involved in the estrogen-induced cell proliferation and cell cycle progression of breast cancer cells. {ECO:0000269 PubMed:17998543}.
Molecular Weight:	158.6 kDa
UniProt:	<a href="#">Q6PL18</a>

## 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