

Datasheet for ABIN7547371
ETAA1 Protein (AA 1-926) (His tag)



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Overview

Quantity:	1 mg
Target:	ETAA1
Protein Characteristics:	AA 1-926
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ETAA1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ETAA1 Protein expressed in mammalian cells.
Sequence:	MSRRRKHDDS PSPKKTPHKT VAAEECGSVV EPGRRLRSA RGSWPCGARE GPPGPVRQRE QPPTAALCSK SNPEERYETP KRALKMDSLS SSFSSPNDPD GQNDIFWDQN SPLTKQLGKG RKKQIYTTDS DEISHIVNRI APQDEKPTTN SMLDMWIGET AIPCTPSVAK GKSRAKISCT KLKTQSQEEE LMKLAKQFDK NMEELDVIQE QNKRNYDFTQ MISETEILSN YKDNIQMWSL HNIVPEIDNA TKKPIKGNTK ISVANNQNSS QKPFQIAEA AFNAIFDGST QKCSGQLSQE LPEAFWSTSN TTFVKTNALK EEKIITNETL VIEKLSNKTP RSLSSQVDTP IMTKSCVTSC TKEPETS NKY IDAFTTSDFE DDWENLLGSE PFAMQNIDMP ELFPSKTAHV TDQKEICTFN SKTVKNTSRA NTSPDARLGD SKVLQDLSSK TYDRELIDAE YRFSPNSNKS NKLSTGNKMK FENSSNKIVI QDEIQNCIVT SNLTKIKEDI LTNSTEASER KSALNTRYSN EQKNKCILNQ SIKAPVNTDL FGSANLGSKT SVSNPNQ TSA SKVGSFFDDW NDPSFANEII KACHQLDNTW EADDVDDDLL YQACDDIERL TQQQDIRKDS KTS ESICEIN NNSEHGAKLT QQQDIRKDSK TSESICEINN NSEHGAKNMF AISKQGSNLV QSKHLNPGSI SVQTS LTNSS QIDKPMKMEK

Product Details

GEMYGNSPRF LGATNLTMY S KISNCQINN L HVSYTNTDVP IQVNSSKLVL PGSSSLNVT S
DHMNTEITTY KKKLSTNQPC HKTVTDEAQS NLNTTVGFSK FTFTRMKNSQ ILSQFNQNCI
TGSMSTKIT QGVEKKKGVN PLLEEAVGQQ SLVKLSESLK QSSKEEEEKN RKCSPEEIQR
KRQEALVRRM AKARASSVNA APTSFL **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: ETAA1

Alternative Name: ETAA1 ([ETAA1 Products](#))

Background: Ewing's tumor-associated antigen 1 (Ewing's tumor-associated antigen 16),FUNCTION: Replication stress response protein that accumulates at DNA damage sites and promotes replication fork progression and integrity (PubMed:27601467, PubMed:27723720, PubMed:27723717). Recruited to stalled replication forks via interaction with the RPA complex and directly stimulates ATR kinase activity independently of TOPBP1 (PubMed:27723720,

Target Details

	PubMed:27723717, PubMed:30139873). Probably only regulates a subset of ATR targets (PubMed:27723720, PubMed:27723717). {ECO:0000269 PubMed:27601467, ECO:0000269 PubMed:27723717, ECO:0000269 PubMed:27723720, ECO:0000269 PubMed:30139873}.
Molecular Weight:	103.4 kDa
UniProt:	Q9NY74

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