

Datasheet for ABIN7555910
UACA Protein (UACA) (AA 1-1416) (His tag)



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Overview

Quantity:	1 mg
Target:	UACA
Protein Characteristics:	AA 1-1416
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UACA protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant UACA Protein expressed in mammalian cells.
Sequence:	MKSLKSRLRR QDVPGPASSG AAAASAHAAD WNKYDDRLMK AAERGDVEKV TSILAKKGVN PGKLDVEGRS VFHVVTSKGN LECLNAILIH GVDITTSDTA GRNALHLAAK YGHALCLQKL LQYNCPTAHA DLQGR TALHD AAMADCPSSI QLLCDHGASV NAKDVDGRTP LVLATQMSRP TICQLLIDRG ADVNSRDKQN RTALMLGCEY GCRDAVEVLI KNGADISLLD ALGHDSSYYA RIGDNL DILT LLKTASENTN KGRELWKKGP SLQQRNLTHM QDEVNVKSHQ REHQNIQDLE IENEDLKERL RKIQEQRIL LDKVNGLQLQ LNEEVMVADD LESEREKLKS LLAAKEKQHE ESLRTIEALK NRFKYFESDH LGSGSHFSNR KEDMLLKQGQ MYMADSQCTS PGIPAHMQSR SMLRPLELSL PSQTSYSENE ILKKELEAMR TFCESAKQDR LKLQNELAHK VAECKALALE CERVKEDSDE QIKQLEDALK DVQKRMYESE GKVKQM QTHF LALKEHLTSE AASGNHRLTE ELKDQLKDLK VKYEGASAEV GKLRN QIKQN EMIVEEFKRD EGKLIENKR LQKELSMCEM EREKKGRKVT EMEGQAKELS AKLALSIPAE KFENMKSSLS NEVNEKAKKL VEMEREHEKS LSEIRQLKRE LENVKAKLAQ HVKPEEHEQV KSRLEQKSGE LGKKITELTL KNQTLQKEIE

KVYLDNKLLK EQAHNLTIEK KNHYVPLKVS EDMKKSHTDAI IDDLNRKLLD VTQKYTEKKL
EMEKLLEND SLSKDVSRLK TVFVPEKHE KEIIALKSNI VELKKQLSEL KKKCGEDQEK
IHALTSENTN LKKMMSNQYV PVKTHEEVKM TLNDTLAKTN RELLDVKKKF EDINQEFVKI
KDKNEILKRN LENTQNQIKA EYISLAEHEA KMSSLSQSMR KVQDSNAEIL ANYRKGQEEI
VTLHAEIKAQ KKELDTIQEC IKVKYAPIVS FEECERKFKA TEKELKDQLS EQTQKYSVSE
EEVKKNKQEN DKLKKEIFTL QKDLRDKTVL IEKSHEMERA LSRKTDELNK QLKDLSQKYT
EVKNVKEKLV EENAKQTSEI LAVQNLQKQ HVPLEQVEAL KKSLNGTIEN LKEELKSMQR
CYEKEQQTVT KLHQLLENQK NSSVPLAEHL QIKEAFEKEV GIIKASLREK EEESQNKMEE
VSKLQSEVQN TKQALKKLET REVVDLSKYK ATKSDLETQI SSLNEKLANL NRKYEEVCEE
VLHAKKKEIS AKDEKELLHF SIEQEIKDQK ERCDKSLTTI TELQRRIQES AKQIEAKDNK
ITELLNDVER LKQALNGLSQ LTYTSGNPTK RQSQLIDTLQ HQVKSLEQQL ADADRQHQEV
IAIYRTHLLS AAQGHMDEDV QEALLQIIQM RQGLVC **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:	UACA
Alternative Name:	UACA (UACA Products)
Background:	Uveal autoantigen with coiled-coil domains and ankyrin repeats,FUNCTION: Regulates APAF1 expression and plays an important role in the regulation of stress-induced apoptosis. Promotes apoptosis by regulating three pathways, apoptosome up-regulation, LGALS3/galectin-3 down-regulation and NF-kappa-B inactivation. Regulates the redistribution of APAF1 into the nucleus after proapoptotic stress. Down-regulates the expression of LGALS3 by inhibiting NFKB1 (By similarity). {ECO:0000250}, FUNCTION: Modulates isoactin dynamics to regulate the morphological alterations required for cell growth and motility. Interaction with ARF6 may modulate cell shape and motility after injury. May be involved in multiple neurite formation (By similarity). {ECO:0000250 UniProtKB:Q8CGB3, ECO:0000250 UniProtKB:Q8HYY4}.
Molecular Weight:	162.5 kDa
UniProt:	Q9BZF9
Pathways:	Positive Regulation of Endopeptidase Activity

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