

Datasheet for ABIN7555911
UBE4A Protein (AA 1-1066) (His tag)



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Overview

Quantity:	1 mg
Target:	UBE4A
Protein Characteristics:	AA 1-1066
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE4A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant UBE4A Protein expressed in mammalian cells.
Sequence:	MTDQENNNNI SSNPFAALFG SLADAKQFAA IQKEQLKQQS DELPASPDDS DNSVSESLDE FDYSVAEISR SFRSQQEICE QLNINHMIQR IFLITLDNSD PSLKSGNGIP SRCVYLEEMA VELEDQDWLD MSNVEQALFA RLLLQDPGNH LINMTSSTTL NLSADRDAGE RHIFCYLYSC FQRAKEEITK VPENLLPFAV QCRNLTVSNT RTVLLTPEIY VDQNIHEQLV DLMLEAIQGA HFEDVTEFLE EVIEALILDE EVRTFPEVMI PVFDILLGRI KDLELCQILL YAYLDILLYF TRQKDMAKVF VEYIQPKDPT NGQMYQKTLG GVILSISCLL KTPGVVENHG YFLNPSRSSP QEIKVQEANI HQFMAQFHEK IYQMLKNLLQ LSPETKHCIL SWLGNCLHAN AGRTKIWANQ MPEIFFQMYA SDAFFLNLGA ALLKLCQPFC KPRSSRLLTF NPTYCALKEL NDEERKIKNV HMRGLDKETC LIPAVQEPKF PQNYNLVTEN LALTEYTLYL GFHRLHDQMV KINQNLHRLQ VAWRDAQSS SPAADNLREQ FERLMTIYLS TKTAMTEPQM LQNCLNLQVS MAVLLVQLAI GNEGSQPIEL TFPLPDGYSS LAYVPEFFAD NLGDFLIFLR RFADDILETS ADSLEHVLHF ITIFTGSIER MKNPHLRACL AEVLEAVMPH LDQTPNPLVS SVFHRKRVFC NFQYAPQLAE ALIKVFVDIE

Product Details

FTGDPHQFEQ KFNYYRRPMYP ILRYMWGTDY YRESIKDLAD YASKNLEAMN PPLFLRFLNL
LMNDAIFLLD EAIQYLSKIK IQQIEKDRGE WDSLTPARR EKEAGLQMFG QLARFHNIMS
NETIGTLAFL TSEIKSLFVH PFLAERIISM LNYFLQHLVG PKMGALKVKD FSEDFKPPQ
LVSDICTIYL NLGDEENFCA TVPKDGRSYS PTLFAQTVRV LKKINKPGNM IMAFSNLAER
IKSLADLQQQ EEETYADACD EFLDPIMSTL MCDPVVLPSS RVTVDIRSTIA RHLLSDQTD
FNRSPLTMDQ IRPNTELKEK IQRWLAERKQ QKEQLE **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: UBE4A

Alternative Name: UBE4A ([UBE4A Products](#))

Background: Ubiquitin conjugation factor E4 A (EC 2.3.2.27) (RING-type E3 ubiquitin transferase E4 A),FUNCTION: Ubiquitin-protein ligase that probably functions as an E3 ligase in conjunction

Target Details

with specific E1 and E2 ligases. May also function as an E4 ligase mediating the assembly of polyubiquitin chains on substrates ubiquitinated by another E3 ubiquitin ligase. Mediates 'Lys-48'-linked polyubiquitination of substrates. {ECO:0000250|UniProtKB:E9Q735, ECO:0000250|UniProtKB:P54860}.

Molecular Weight: 122.6 kDa

UniProt: [Q14139](#)

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