

Datasheet for ABIN7544843
UBE2Q1 Protein (AA 1-422) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | UBE2Q1 |
| Protein Characteristics: | AA 1-422 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This UBE2Q1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat UBE2Q1 Protein expressed in mammalien cells. |
| Sequence: | <p>MQQPQPQGQQ QPGPGQQLGG QGAAPGAGGG PGGGPGPGPC LRRELKLVES IFHRGHERFR IASACDELDEL CEFLAGAGG AGAGAAPGPH LPPRGSVPGD PVRIHCNITE SYPVPPPIWS VESDDPNLAA VLRLVDIKK GNTLLLQHLK RIISDLCKLY NLPQHPDVEM LDQPLPAEQC TQEDVSSSEDE DEEMPEDTED LDHYEMKEEEE PAEGKKSSEDG GIGKENLAIL EKIKKNQRQD YLNQAVSGSV QATDRLMKEL RDIYRSQSFK GGNVAVELVN DSVLYDWNVNL LKVDQDSALH NDLQILKEKE GADFILLNFS FKDNFPFDPF FVRVVSPLVLS GGYVLGGGAI CMELLTKQGW SSAYSIESVI MQISATLVKG KARVQFGANK SQYSLTRAQQ SYKSLVQIHE KNGWYTPPKE DG</p> <p>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.</p> <p>In case you have a special request, please contact us.</p> |
| Characteristics: | Key Benefits: |

Product Details

- 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.

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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
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| Grade: | custom-made |
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Target Details

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| Target: | UBE2Q1 |
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| Alternative Name: | UBE2Q1 (UBE2Q1 Products) |
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| Background: | Ubiquitin-conjugating enzyme E2 Q1 (EC 2.3.2.23) (E2 ubiquitin-conjugating enzyme Q1) (Protein NICE-5) (Ubiquitin carrier protein Q1) (Ubiquitin-protein ligase Q1),FUNCTION: Catalyzes the covalent attachment of ubiquitin to other proteins (PubMed:22496338). May be involved in hormonal homeostasis in females. Involved in regulation of B4GALT1 cell surface expression, B4GALT1-mediated cell adhesion to laminin and embryoid body formation (By similarity). {ECO:0000250 UniProtKB:Q7TSS2, ECO:0000269 PubMed:22496338}. |
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| Molecular Weight: | 46.1 kDa |
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| UniProt: | Q7Z7E8 |
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Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
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Application Details

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