

Datasheet for ABIN7545052
UQCC3 Protein (AA 1-93) (His tag)



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Overview

Quantity:	1 mg
Target:	UQCC3
Protein Characteristics:	AA 1-93
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UQCC3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant UQCC3 Protein expressed in mammalian cells.
Sequence:	MDSLKMLIS VAMLGAGAGV GYALLVIVTP GERRKQEMLK EMPLQDPRSR EEAARTQQLL LATLQEAATT QENVAWRKNW MVGGEGGAGG RSP 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: <ul style="list-style-type: none">• 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.

Product Details

- 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:	UQCC3
Alternative Name:	UQCC3 (UQCC3 Products)
Background:	Ubiquinol-cytochrome-c reductase complex assembly factor 3 (Assembly factor CBP4 homolog),FUNCTION: Required for the assembly of the ubiquinol-cytochrome c reductase complex (mitochondrial respiratory chain complex III or cytochrome b-c1 complex), mediating cytochrome b recruitment and probably stabilization within the complex. Thereby, plays an important role in ATP production by mitochondria. Cardiolipin-binding protein, it may also control the cardiolipin composition of mitochondria membranes and their morphology. {ECO:0000269 PubMed:25008109, ECO:0000269 PubMed:25605331}.
Molecular Weight:	10.1 kDa
UniProt:	Q6UW78

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