

Datasheet for ABIN7546666
COA6 Protein (AA 1-125) (His tag)



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Overview

Quantity:	1 mg
Target:	COA6
Protein Characteristics:	AA 1-125
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COA6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant COA6 Protein expressed in mammalian cells.
Sequence:	MGPGGPLLSP SRGFLCKTG WHSNRLGDC GPHTPVSTAL SFIAVGMAAP SMKERQVCWG ARDEYWKCLD ENLEDASQCK KLRSSFESSC PQQWIKYFDK RRDYLFKFEK FEAGQFEPSE TTAKS 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:	COA6
Alternative Name:	COA6 (COA6 Products)
Background:	Cytochrome c oxidase assembly factor 6 homolog,FUNCTION: Involved in the maturation of the mitochondrial respiratory chain complex IV subunit MT-CO2/COX2. Thereby, may regulate early steps of complex IV assembly. Mitochondrial respiratory chain complex IV or cytochrome c oxidase is the component of the respiratory chain that catalyzes the transfer of electrons from intermembrane space cytochrome c to molecular oxygen in the matrix and as a consequence contributes to the proton gradient involved in mitochondrial ATP synthesis. May also be required for efficient formation of respiratory supercomplexes comprised of complexes III and IV. {ECO:0000269 PubMed:24549041, ECO:0000269 PubMed:25959673, ECO:0000269 PubMed:26160915}.
Molecular Weight:	14.1 kDa
UniProt:	Q5JTJ3

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