

Datasheet for ABIN7546649

COA4 Protein (AA 1-87) (His tag)

3 Images



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Overview

Quantity:	1 mg
Target:	COA4
Protein Characteristics:	AA 1-87
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This COA4 protein is labelled with His tag.

Product Details

Purpose:	Predefined custom protein recombinant COA4 Protein expressed in mammalian cells.
Sequence:	MSTSVPPQGH WTQRVKKDDE EEDPLDQLIS RSGCAASHFA VQECMAQHGD WRQCQPQVQA FKDCMSEQQA RRQEELQRRQ EQAGAAH Sequence without tag. The proposed Strep-Tag is based on experience with the expression system. Our team may suggest an additional tag depending on the complexity of the protein. If 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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Predefined custom 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 predefined 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 predefined custom 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:	COA4
Alternative Name:	COA4 (COA4 Products)
Background:	Cytochrome c oxidase assembly factor 4 homolog, mitochondrial (Coiled-coil-helix-coiled-coil-helix domain-containing protein 8) (E2-induced gene 2 protein),FUNCTION: Putative COX assembly factor. {ECO:0000250}.
Molecular Weight:	10.1 kDa
UniProt:	Q9NYJ1

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

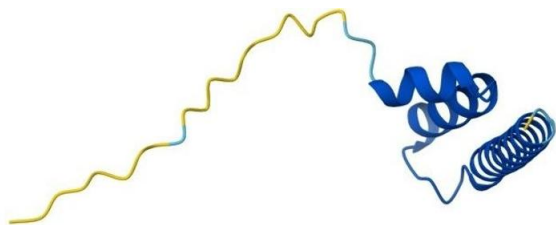
Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.

Handling

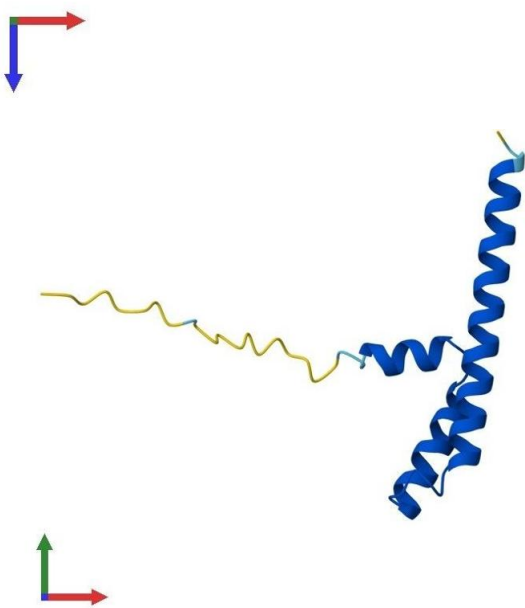
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



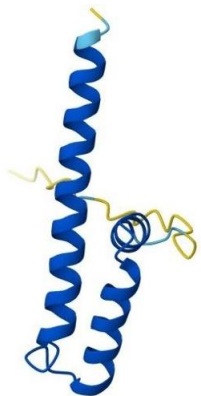
Protein Structure

Image 1. AlphaFold protein structure prediction of Human Recombinant COA4 Protein, UniprotID Q9NYJ1



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant COA4 Protein, UniprotID Q9NYJ1



Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant COA4 Protein, UniprotID Q9NYJ1