

Recombinant Human COQ9 protein ab202604

1 Image

Description

|                                 |   |
|---------------------------------|---|
| Product name                    | Recombinant Human COQ9 protein  |
| Purity                          | > 90 % SDS-PAGE.<br>ab202604 was purified using conventional chromatography techniques.   |
| Expression system               | Escherichia coli  |
| Accession                       | <u>O75208</u>   |
| Protein length                  | Full length protein   |
| Animal free                     | No  |
| Nature                          | Recombinant   |
| Species                         | Human   |
| Sequence                        | MGSSHHHHHHSSGLVPRGSHMGSRSSDEQKQPPNSF<br>SQQHSETQGAKEP<br>DPSSHSPPRYTDQGEEEEEDYESEEQLQHRILTAALEFV<br>PAHGWTAEAI<br>AEGAQSLGLSSAAASMF GKDGSELILHFVTQCNTLRLTRVL<br>EEEQKLVQLG<br>QAEKRKTDQFLRDAVETRLRMLIPYIEHWPRALSILMLPHNI<br>PSSLSLLT<br>SMVDDMWHYAGDQSTDFNWyTRRAMLAAYNTTELVMm<br>QDSSPDFEDTWR<br>FLENRVNDAMNMGHTAKQVKSTGEALVQGLMGAAVTLK<br>NLTLNQRR |
| Predicted molecular weight      | 33 kDa including tags   |
| Amino acids                     | 45 to 318   |
| Tags                            | His tag N-Terminus  |
| Additional sequence information | This product is for the mature full length protein from aa 45 to 318. The transit peptide is not included. NP_064708  |

Specifications

Our **Abpromise guarantee** covers the use of **ab202604** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Mass Spectrometry

|                          |           |
|--------------------------|-----------|
|                          | SDS-PAGE  |
| <b>Mass spectrometry</b> | MALDI-TOF |
| <b>Form</b>              | Liquid    |

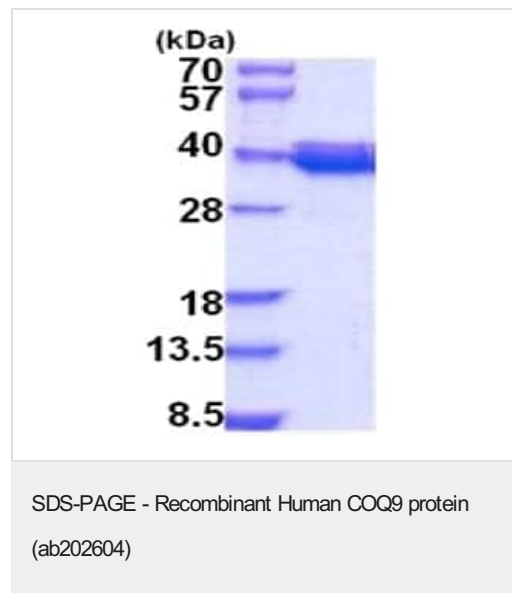
## Preparation and Storage

|                              |  |
|------------------------------|--|
| <b>Stability and Storage</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.<br><br>pH: 7.40<br>Constituents: 10% Glycerol (glycerin, glycerine), 0.02% DTT, 89% PBS |
|------------------------------|--|

## General Info

|                               |   |
|-------------------------------|---|
| <b>Function</b>               | Involved in the biosynthesis of coenzyme Q.     |
| <b>Pathway</b>                | Cofactor biosynthesis; ubiquinone biosynthesis. |
| <b>Involvement in disease</b> | Coenzyme Q10 deficiency, primary, 5             |
| <b>Sequence similarities</b>  | Belongs to the COQ9 family.                     |
| <b>Cellular localization</b>  | Mitochondrion.                                  |

## Images



15% SDS-PAGE analysis of 3 µg of ab202604.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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