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Datasheet for ABIN7423849  
**COX2 Protein (AA 83-227) (His tag)**

### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | COX2  |
| Protein Characteristics:      | AA 83-227   |
| Origin:                       | Rat   |
| Source:                       | Escherichia coli (E. coli)  |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This COX2 protein is labelled with His tag.                                   |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC) |

### Product Details

|                  |  |
|------------------|--|
| Sequence:        | Ile83-Ile227   |
| Characteristics: | Recombinant Cytochrome C Oxidase Subunit II (COX2), Prokaryotic expression, Ile83-Ile227, N-terminal His Tag |
| Purity:          | > 90 %   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | COX2   |
| Alternative Name: | Cytochrome C Oxidase Subunit II ( <a href="#">COX2 Products</a> )  |
| Background:       | MTCO2, MT-CO2, COII, COXII, Mitochondrially Encoded Cytochrome C Oxidase II, Cytochrome c oxidase polypeptide II |

## Target Details

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Molecular Weight: 22kDa

UniProt: [P00406](#)

Pathways: [Brown Fat Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Isoelectric Point:4.3

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months