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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

COX15 (Human) Recombinant Protein (P01)

Catalog Number: H00001355-P01

Regulation Status: For research use only (RUO)

Product Description: Human COX15 full-length ORF (AAH02382.1, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQRLFPPLRALKGRQYLPLAPRAAPRAQCDCIRRP
RPGQYSTISEVALQSGRGTVSLPSKAAERVVGRWLLV
CSGTVAGAVILGGVTRLTESGLSMVDWHLIKEMKPPT
SQEEWEAEFQRYQQFPEFKILNHDMTLTEFKFIWYME
YSHRMWGRVLVGLVYILPAAYFWRKGWLSRGMKGRVL
ALCGLVCFQGLLGWYMKSGLEEKSDSHDIPRVSYR
LAAHLGSALVLYCASLWTSLSLLPPHKLPEHQQLQL
RRFAHG TAGLVFLTALSGAFVAGLDAGLVYNSFPKMG
ESWIPEDLFTFSPILRNVFENPTMVQFDHRILGITSVTAI
TVLYFLSRRIPRRTKMAAVTLLALAYTQVGLGISTLL
MYVPTPLAATHQSGSLALLTGALWLMNELRRVPK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 70.73

Interspecies Antigen Sequence: Mouse (90); Rat (89)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1355

Gene Symbol: COX15

Gene Alias: -

Gene Summary: Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes a protein which is not a structural subunit, but may be essential for the biogenesis of COX formation and may function in the hydroxylation of heme O, according to the yeast mutant studies. This protein is predicted to contain 5 transmembrane domains localized in the mitochondrial inner membrane. Alternative splicing of this gene generates two transcript variants diverging in the 3' region. [provided by RefSeq]