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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

COX6A2 (Human) Recombinant Protein (P01)

Catalog Number: H00001339-P01

Regulation Status: For research use only (RUO)

Product Description: Human COX6A2 full-length ORF (NP_005196.1, 1 a.a. - 97 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MALPLRPLTRGLASAAKGGHGGAGARTWRLLTFVLAL
PSVALCTFNLSYLHSGHRPRPEFRPYQHLRIRTKPYPW
GDGNHTLFHNSHVNPLPTGYEHP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 37.2

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: 1339

Gene Symbol: COX6A2

Gene Alias: COX6AH, COXVIAH

Gene Summary: Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It 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 be involved in the regulation and assembly of the

complex. This nuclear gene encodes polypeptide 2 (heart/muscle isoform) of subunit VIa, and polypeptide 2 is present only in striated muscles. Polypeptide 1 (liver isoform) of subunit VIa is encoded by a different gene, and is found in all non-muscle tissues. These two polypeptides share 66% amino acid sequence identity. [provided by RefSeq]