

## Recombinant Human COQ7 Protein, GST-tagged

Cat. No. COQ7-1720H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human COQ7 full-length ORF ( NP_057222.2, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene is similar to a mitochondrial di-iron containing hydroxylase in <i>Saccharomyces cerevisiae</i> that is involved with ubiquinone biosynthesis. Mutations in the yeast gene lead to slower development and longer life span. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2010]
<b>Molecular Mass</b>	50.7 kDa
<b>AA Sequence</b>	MSCAGAAAAPRLWRLRPGARRSLSAYGRRTSVRFRSSGMTLDNISRAAVDRIIRVD HAGEYGANRIYAGQMAVLGRTSVGPVIQKMWDQEKDHLKKNELMVTFRVRPTVL MPLWNVLGFALGAGTALLGKEGAMACTVAVEESIAHHYNNQIRTLMEEDPEKYEELL QLIKKFRDEELEHHDIGLDHDAELAPAYAVLKSIIQAGCRVAIYLSERL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	COQ7 coenzyme Q7 homolog, ubiquinone (yeast) [ Homo sapiens ]
<b>Official Symbol</b>	COQ7
<b>Synonyms</b>	COQ7; coenzyme Q7 homolog, ubiquinone (yeast); coenzyme Q, 7 (rat, yeast) homolog; ubiquinone biosynthesis protein COQ7 homolog; CAT5; CLK 1; placental protein KG-20; timing protein clk-1 homolog; COQ7 coenzyme Q, 7 homolog ubiquinone; coenzyme Q biosynthesis protein 7 homolog; CLK1; CLK-1;
<b>Gene ID</b>	10229
<b>mRNA Refseq</b>	NM_001190983
<b>Protein Refseq</b>	NP_001177912
<b>MIM</b>	601683
<b>UniProt ID</b>	Q99807

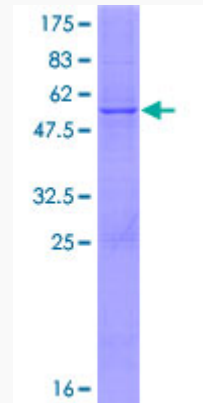
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**Quality Control**

**Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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