

Recombinant Full Length Human COQ7 Protein, GST-tagged

Cat. No. COQ7-1978HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COQ7 full-length ORF (NP_057222.2, 1 a.a. - 217 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	217 amino acids
Description	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]
Molecular Mass	50.7 kDa
AA Sequence	MSCAGAAAAPRLWRLRPGARRSL SAYGRRTSVRFRSSGMTLDNISRAAVDRIIRVD HAGEYGANRIYAGQMAVLGRTSVGPVIQKMWDQEKDHLKKFNELMVTFRVRPTVL MPLWNVLG FALGAGTALLGKEGAMACTVAVEESIAHHYNNQIRTLMEEDPEKYEELL QLIKKFRDEELEHHDIGLDHDAELAPAYAVLKSIIQAGCRVAIYLSERL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	COQ7 coenzyme Q7 homolog, ubiquinone (yeast) [Homo sapiens]
Official Symbol	COQ7
Synonyms	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
Gene ID	10229
mRNA Refseq	NM_001190983
Protein Refseq	NP_001177912
MIM	601683
UniProt ID	Q99807