

Recombinant Human COQ7 protein, His-tagged

Cat. No. COQ7-900H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human COQ7 protein(Q99807-1)(Ser37-Leu217), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser37-Leu217
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human COQ7 consists of 192 amino acids and has a predicted molecular mass of 21.7 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCOQ7 is approximately 20-25 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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](#)

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