

Product datasheet for **TP320317**

COQ7 (NM_016138) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coenzyme Q7 homolog, ubiquinone (yeast) (COQ7), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220317 representing NM_016138 Red =Cloning site Green =Tags(s) MSCAGAAAAPRLWRLRPGARRSLSAYGRRTSVFRSSGMTLDNISRAAVDRIIRVDHAGEYGANRIYAGQ MAVLGRTSVGPVIQKMWDQEKDHLKKNELMVMFRVRPTVLMPLWNVLGFALGAGTALLGKEGAMACTVA VEESIAHHYNNQIRTLMEEDPEKYEELLQLIKKFRDEELEHHDIGLDHDAELAPAYAVLKSIIQAGCRVA IYLSERL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	24.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057222
Locus ID:	10229
UniProt ID:	Q99807



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RefSeq Size: 2591

Cytogenetics: 16p12.3

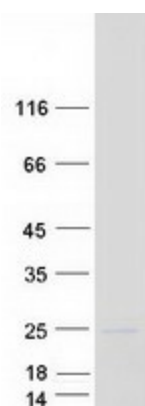
RefSeq ORF: 651

Synonyms: CAT5; CLK-1; CLK1; COQ10D8

Summary: The protein encoded by this gene is similar to a mitochondrial di-iron containing hydroxylase in *Saccharomyces cerevisiae* 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]

Protein Pathways: Metabolic pathways, Ubiquinone and other terpenoid-quinone biosynthesis

Product images:



Coomassie blue staining of purified COQ7 protein (Cat# TP320317). The protein was produced from HEK293T cells transfected with COQ7 cDNA clone (Cat# [RC220317]) using MegaTran 2.0 (Cat# [TT210002]).