

Product datasheet for **TP720475M**

COQ7 (NM_001190983) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coenzyme Q7 homolog, ubiquinone (yeast) (COQ7), transcript variant 2.
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ser37-Leu217
Tag:	C-6His
Predicted MW:	21.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4
Storage:	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001177912
Locus ID:	10229
UniProt ID:	Q99807
Cytogenetics:	16p12.3
RefSeq ORF:	537
Synonyms:	CAT5; CLK-1; CLK1; COQ10D8
Summary:	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]
Protein Pathways:	Metabolic pathways, Ubiquinone and other terpenoid-quinone biosynthesis



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