

## Product datasheet for **TP309578M**

### COQ9 (NM\_020312) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coenzyme Q9 homolog ( <i>S. cerevisiae</i> ) (COQ9), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209578 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAAAAVSGALGRAGWRLQLRCLPVARCRQALVPRAFHASAVGLRSSDEQKQPPNSFSQQHSETQGAEK PDPESSHSPRYTDQGGEEEDYESEEQLQHRILTAALFVPAHGWTAEIAIEGAQSLGLSSAAASMFQK DGSELILHFVTQCNTLRTRVLEEEQKLVQLGQAEKRKTDQFLRDAVETRLRMLIPYIEHWPRALSILMLP HNIPSSLSLLTSMVDDMWYAGDQSTDFNWWYTRRAMLAAYNTTELVMQDSSPDFEDTWRFLNENRVNDA MNMGHTAKQVKSTGEALVQGLMGAAVTLKNLTGLNQR</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	35.3 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:	<u><a href="#">NP_064708</a></u>
Locus ID:	57017



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UniProt ID: [O75208](#), [A0A024R6U3](#)

RefSeq Size: 1699

Cytogenetics: 16q21

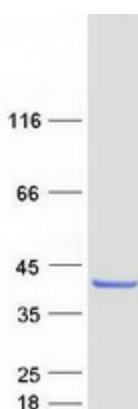
RefSeq ORF: 954

Synonyms: C16orf49; COQ10D5

**Summary:** This locus represents a mitochondrial ubiquinone biosynthesis gene. The encoded protein is likely necessary for biosynthesis of coenzyme Q10, as mutations at this locus have been associated with autosomal-recessive neonatal-onset primary coenzyme Q10 deficiency.[provided by RefSeq, Sep 2010]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified COQ9 protein (Cat# [TP309578]). The protein was produced from HEK293T cells transfected with COQ9 cDNA clone (Cat# [RC209578]) using MegaTran 2.0 (Cat# [TT210002]).