

Product datasheet for **TP504460**

Coq9 (BC036386) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse coenzyme Q9 homolog (yeast) (cDNA clone MGC:41458 IMAGE:1067021), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204460 protein sequence Red =Cloning site Green =Tags(s)
	MAATAAVSGVLGRLGWRLQLRCLPVARCRPALVPRAFHTAVGFRSSEEKQKQPPHSSSQQHSETQGPEF SRPPPRYTDQSGEEEEEDYESEEQLQHRILTAALFVPAHGWTAEIAIEGAQSLGLSSAAASMFGSDGSEL ILHFVTQCARNLNQVLEEEQKLVQLGQAEKTKTDQFLRDAVETRLRMLIPYIEHWPRALSILLPHNIPP SLNLLTSMVDDMWHYAGDQSTDFNWyTRRAVLAGIYNTTELVMQDSSPDFEDTWRFLNRRINDAMNMGH TAKQVKSTGEALVQGLMGAAVTLKNTGLNQRR
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	35.1 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	67914
UniProt ID:	Q8K1Z0
RefSeq Size:	1717



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Cytogenetics: 8 C5

RefSeq ORF: 939

Synonyms: 2310005O14Rik; C78387

Summary: Lipid-binding protein involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration (PubMed:25339443). Binds a phospholipid of at least 10 carbons in each acyl group. May be required to present its bound-lipid to COQ7 (By similarity).[UniProtKB/Swiss-Prot Function]