

Product datasheet for TP502436

Coq7 (NM_009940) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse demethyl-Q 7 (Coq7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202436 representing NM_009940 Red =Cloning site Green =Tags(s)
	MSAAGAIAAASVGRRLRTGVRRPFSEYGRGLIIRCHSSGMTLDNINRAAVDRIIRVDHAGEYGANRIYAGQ MAVLGRTSVGPVIQKMWDQEKNHLKKNELMIAFRVRPTVLMPLWNVAGFALGAGTALLGKEGAMACTVA VEESIANHYNNQIRMLMEEDPEKYEELLQVIKQFRDEELEHHDHTGLDHDDELAPAYALLKRIIQAGCSAA IYLSERF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24 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.
RefSeq:	NP_034070
Locus ID:	12850
UniProt ID:	P97478
RefSeq Size:	944



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Cytogenetics: 7 63.44 cM

RefSeq ORF: 651

Synonyms: clk-1

Summary: Catalyzes the hydroxylation of 2-polyprenyl-3-methyl-6-methoxy-1,4-benzoquinol (DMQH2) during ubiquinone biosynthesis. Has also a structural role in the COQ enzyme complex, stabilizing other COQ polypeptides (By similarity). Involved in lifespan determination in a ubiquinone-independent manner (PubMed:19478076).[UniProtKB/Swiss-Prot Function]