

Product datasheet for **TP500392**

Coa3 (NM_026618) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome C oxidase assembly factor 3 (Coa3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200392 protein sequence Red =Cloning site Green =Tags(s)
	MAAPGAGDPLNAKNGNAPFAQRIDPSREKLTPAQLQFMRQVQLAQWQKTLTPQRRTNIMTGLGIGALVLA IYGTFYSVAQERFLDELEDEAKAARARALERERASGP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	12 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_080894
Locus ID:	52469
UniProt ID:	Q9D2R6
RefSeq Size:	718
Cytogenetics:	11 64.56 cM
RefSeq ORF:	327



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Synonyms: 1810033A19Rik; Ccdc56; D11Ert99e; HSPC009

Summary: Core component of the MITRAC (mitochondrial translation regulation assembly intermediate of cytochrome c oxidase complex) complex, that regulates cytochrome c oxidase assembly. MITRAC complexes regulate both translation of mitochondrial encoded components and assembly of nuclear-encoded components imported in mitochondrion. Required for efficient translation of MT-CO1 and mitochondrial respiratory chain complex IV assembly.
[UniProtKB/Swiss-Prot Function]