

Product datasheet for TP500523

Cox20 (NM_025511) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytochrome c oxidase assembly protein 20 (Cox20), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200523 representing NM_025511 Red=Cloning site Green=Tags(s)
	MAAAPEPHETEKKPKFKLLGILDVENTPCARESILYGSLGSIVTGLGHFLVTSRIRRS CDVGVGGFILVTL GCWFHCRYNFAKQRIQERIAREGIKNKILYESTHLDPERKMKTNNSS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	13.6 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_079787
Locus ID:	66359
UniProt ID:	Q9D7I4
RefSeq Size:	448
Cytogenetics:	1 H4
RefSeq ORF:	351



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Synonyms: 2310005N03Rik; Fam36a

Summary: Essential for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase. Acts as a chaperone in the early steps of cytochrome c oxidase subunit II (MT-CO2/COX2) maturation, stabilizing the newly synthesized protein and presenting it to metallochaperones SCO1/2 which in turn facilitates the incorporation of the mature MT-CO2/COX2 into the assembling CIV holoenzyme.[UniProtKB/Swiss-Prot Function]