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Product datasheet for TP500115

1810020G14Rik (BC005675) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA 1810020G14 gene (cDNA clone MGC:11762 IMAGE:3153356), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200115 protein sequence Red=Cloning site Green=Tags(s) MIAPAVLRALRKNKTLRYGVPMLLLVVGGSFGLREFSQIRYDAVTIKIDPELEKKLKVNKITLESEYERL LCLLCRQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	8.9 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:	66272
UniProt ID:	Q9CR63
RefSeq Size:	639
Cytogenetics:	12 D1
RefSeq ORF:	231

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Synonyms: 1810020G14Rik; 1810055I05Rik; BB388670

Summary: Required for the assembly of the mitochondrial respiratory chain complex IV (CIV), also known as cytochrome c oxidase. Promotes the insertion of copper into the active site of cytochrome c oxidase subunit II (MT-CO2/COX2). Interacts specifically with newly synthesized MT-CO2/COX and its copper center-forming metallochaperones SCO1, SCO2 and COA6. Probably facilitates MT-CO2/COX2 association with the MITRAC assembly intermediate containing MT-CO1/COX1, thereby participating in merging the MT-CO1/COX1 and MT-CO2/COX2 assembly lines. [UniProtKB/Swiss-Prot Function]