Recombinant Mouse Cox20 Protein, Myc/DDK-tagged

Cat. No. Cox20-2278M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cytochrome c oxidase assembly protein 20 (Cox20), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	13.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Cox20 cytochrome c oxidase assembly protein 20 [Mus musculus (house mouse)]
Official Symbol	Cox20
Synonyms	Cox20; cytochrome c oxidase assembly protein 20; Fam3; Fam36a; 2310005N03Rik; cytochrome c oxidase assembly protein COX20, mitochondrial; COX20 Cox2 chaperone; cytochrome c oxidase protein 20 homolog; family with sequence similarity 36, member A; protein FAM36A
Gene ID	66359
mRNA Refseq	NM_025511
Protein Refseq	NP_079787
UniProt ID	Q9D7J4

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