

Recombinant Full Length Mouse Mitochondrial Inner Membrane Protein Cox18(Cox18) Protein, His-Tagged

Cat. No. RFL1417MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Mitochondrial inner membrane protein COX18(Cox18) Protein (Q8VC74) (64-331aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length of Mature Protein (64-331)
Form	Lyophilized powder
AA Sequence	AEEVLLGAQEATGLPWWSNILSTVALRGAVTLPLAAYQHYILAKVENLQPEIKDIAKR L NQEVAVCARQFGWSKRVARLTYLKNMRRLLVSELYVRDNCHPFKATVLVWVQLPM WVFISV ALRNLSTGATHSDGISVQEQLAAGGTLWFPDLTAVDSTWILPVS VGVNLL IVEIFALQK IGTSRFQMHVTNFVRAVS VLMIPVAATVPSALVLYWLCSSLMGLAQNLL LRSPGFRQLCR IPPSKSDSETPYRDLSAAFCAKFLSRKR
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

Cox18

Synonyms

Cox18; Oxa1l2; Cytochrome c oxidase assembly protein COX18, mitochondrial

UniProt ID

[Q8VC74](#)

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