

Recombinant Full Length Mouse Mitofusin-2(Mfn2) Protein, His-Tagged

Cat. No. RFL410MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Mitofusin-2(Mfn2) Protein (Q80U63) (1-757aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-757)

Form

Lyophilized powder

AA Sequence

MSLLFSRCNSIVTVKKDKRHMAEVDNASPLKHFVTAKKKINGIFEQLGAYIQESASFLE
 DT HRNTELDPVTTEEQVLDVKGYSKVRGISEVLARRHMKVAFFGRTSNGKSTVIN
 AMLWDK VLPSGIGHTTNCFLRVGGTDGHEAFLLTEGSEEKKS VKTVNQLAHALHQD
 EQLHAGSMVS VMWPNSKCPLLKDDLVLMDSPGIDVTTELD SWIDKFCLDADVFVLV
 ANSESTLMQTEKQF FHKVSERLSRPNIFILNNRWDASASEPEYMEEVRRQH MERC
 TSFLVDELGVVDRAQAGDR IFFVSAKEVLSARVQKAQGMPEGGALAEQFQVRMF
 EFQNFERQFEECISQSAVKTKFEQ HTVRAKQIAEAVRLIMDSLHIAAQEQRVYCLEM
 REERQDRLRFIDKQLELLAQDYKLR IK QITEEVERQVSTAMAEIIRRLSVLVDEYQM
 DFHPSPVVLKVYKNELHRHIEEGLGRNLS D RCSTAIASSLQTMQQDMIDGLKPLLPV
 SMRNQIDMLVPRQCFSLSYDLNCDKLCADFQED IEFHFSLGWTMLVNRFLGPKNSR
 RALLGYSQVQRPLPLTPANPSMPPLPQSSLTQEELM VSMVTGLASLTSRTSMGIL
 VVGGVVKAVGWRLIALSFGLYGLLYVYERLTWTTKAKERA FKRQFVEYASEKLQL

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IISYTGSNCSHQVQQELSGTFAHLCQQVDITRDNLEQEIAAMNKK VEALDSLQSRAK
LLRNKAGWLDSELNMFTHQYLQPSR

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 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 Mfn2

Synonyms Mfn2; Kiaa0214; Marf; Mitofusin-2; Hypertension-related protein 1; Mitochondrial assembly regulatory factor; HSG protein; Transmembrane GTPase MFN2

UniProt ID [Q80U63](#)

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