

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

Cat. No. RFL15589RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Mitofusin-2(Mfn2) Protein (Q8R500) (1-757aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length (1-757)

Form

Lyophilized powder

AA Sequence

MSLLFSRCNSIVTVKKDKRHMAEVDNASPLKHFVTAKKKINGIFEQLGAYIQESAGFLE
 DT HRNTELDPVTTEEQVLDVKGYSKVRGISEVLARRHMKVAFFGRTSNGKSTVIN
 AMLWDK VLPSGIGHTTNCFLRVGGTDGHEAFLLEGGSEEKKS VKTVNQLAHALHQD
 EQLHAGSLVS VMWPNSKCPLLKDGLVLMDSPGIDVTTELDSWIDKFCLDADVFVLV
 ANSESTLMQTEKQF FHKVSERLSRPNIFILNNRWDASASEPEYMEEVRRQHMER
 C TSFLVDELGVVDRAQAGDR IFFVSAKEVLSARVQKAQGMPEGGALAEGFQVRMF
 EFQNFERRFEECISQSAVKTKFEQ HTVRAKQIAEAVRLIMDSLHIAAQEQRVYCLEM
 REERQDRLRFIDKQLELLAQDYKLRK QMTEEVERQVSTAMAEIIRLSVLVDEYQM
 DFHPSPVVLKVYKNELHRHIEEGLGRNMSD RCSTAIASSLQTMQQDMIDGLKPLLP
 VSVRNQIDMLVPRQCFSLSYDLNCDKLCADFQED IEFHFSLGWTMLVNRFLGPKNS
 RRALLGYNDQVQRPLPLTPANPSMPPLPQGS LTQEELM VSMVTGLASLTSRTSMGI
 LVVGGVWVWKA VGWRLIALSFGLYGLLYVYERLTWTTTRAKERA FKRQFVEYASEKLQ

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LIISYTGSNCSHQVQQELSGTFAHLCQQVDITRDNLEQEIAAMNKK VEALDSLQSKA
KLLRNKAGWLDSELNMFHQYLQPSR

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; Fzo1a; Mitofusin-2; Mitochondrial transmembrane GTPase FZO1A; Protein HSG; Transmembrane GTPase MFN2

UniProt ID [Q8R500](https://www.uniprot.org/entry/Q8R500)

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