

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	MSLLFSRCNSIVTVKKDKRHMAEVNASPLKHFVTAKKKINGIFEQLGAYIQESAGFLE DT HRNTELDPVTTEEQVLDVKGYSKVRGISEVLARRHMKVAFFGRTSNGKSTVIN AMLWDK VLPSGIGHTTNCFLRVGGTDGHEAFLATEGSEEKKS VKTVNQLAHALHQD EQLHAGSLVS VMWPNSKCPLLKDGLVLMDSPGIDVTTELDSWIDKFCLDADVFLV ANSESTLMQTEKQF FHKVSERLSRPNIFILNNRWDASASEPEYMEEVRRQHMER CTSFLVDELGVVDRAQAGDR IFFVSAKEVLSARVQKAQGMPEGGALAEGFQVRMF EFQNFERRFEECISQSAVKTKFEQ HTVRAKQIAEAVRLIMDSLHIAAQEQRVYCLEM REERQDRLRFIDKQLELLAQDYKLRIK QMTEEVERQVSTAMAEIIRLSVLVDEYQM DFHPSPVVLKVYKNELHRHIEEGLGRNMSD RCSTAIASSLQTMQQDMIDGLKPLLP VSVRNQIDMLVPRQCFSLSYDLNCDKLCADFQED IEFHFSLGWTMLVNRFLGPKNS RRALLGYNDQVQRPLPLTPANPSMPPLPQGS LTQEELM VSMVTGLASLT SRTSMGI LVVGGVWVKAVGWRLIALSFGLYGLLYVYERLTWTTTRAKERA 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