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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MFN2 (Human) Recombinant Protein (P01)

Catalog Number: H00009927-P01

Regulation Status: For research use only (RUO)

Product Description: Human MFN2 full-length ORF (NP_055689.1, 1 a.a. - 757 a.a.) recombinant protein with GST tag at N-terminal.

Sequence:

MSLLFSRCNSIVTVKKNKRHMAEVNASPLKHFVTAKKK
INGIFEQLGAYIQESATFLEDTYRNAELDPVTTEEQVLD
VKGYLSKVRGISEVLARRHMKVAFFGRTSNGKSTVINA
MLWDKVLPSGIGHTTNCFLRVEGTDGHEAFLLTEGSE
EKRSAKTVNQLAHALHQDKQLHAGSLVSVMWPNSKC
PLLKDDLVLMDSPGIDVTTELDSWIDKFCLDADVFVLV
ANSESTLMQTEKHFFHKVSRNIFILNNRWDA
SEPEYMEEVRRQHMERCTSFLVDELGVVDRSQAGDR
IFFVSAKEVLNARIQKAQGMPEGGALAEGFQVRMFE
FQNFERRFEECISQSAVKTKFEQHTVRAKQIAEAVRLI
MDSLHMAAREQQVYCEEMREERQDRLKFIDKQLELLA
QDYKLRIKQITEEVERQVSTAMAEIIRRLSVLVDDYQM
DFHPSPVVLKVYKNELHRHIEEGLGRNMSDRCSTAITN
SLQTMQQDMIDGLKPLLPVSVRSQIDMLVPRQCFSLN
YDLNCDKLCADFQEDIEFHSLGWTMLVNRFLGPKNS
RRALMGYNDQVQRPIPLTPANPSMPPLPQGSQTQEEF
MVSMTGLASLTSRTSMGILVVGGVVWKAAGWRLIAL
SFGLYGLLYVYERLTWTTKAKERAFKRQFVEHASEKL
QLVISYTGSNCSHQVQQELSGTFAHLCQQVDVTRENL
EQEIAAMNKKIEVLDSLQSKAKLLRNKAGWLDSELNMF
THQYLQPSR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 112.8

Interspecies Antigen Sequence: Mouse (95); Rat (96)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression](#)

[system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9927

Gene Symbol: MFN2

Gene Alias: CMT2A, CMT2A2, CPRP1, HSG, KIAA0214, MARF

Gene Summary: This gene encodes a mitochondrial membrane protein that participates in mitochondrial fusion and contributes to the maintenance and operation of the mitochondrial network. This protein is involved in the regulation of vascular smooth muscle cell proliferation, and it may play a role in the pathophysiology of obesity. Mutations in this gene cause Charcot-Marie-Tooth disease type 2A2, and hereditary motor and sensory neuropathy VI, which are both disorders of the peripheral nervous system. Defects in this gene have also been associated with early-onset stroke. Two transcript variants encoding the same protein have been identified. [provided by RefSeq]