

Recombinant Human MFN2 Protein, GST-tagged

Cat. No. MFN2-4380H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MFN2 partial ORF (NP_055689, 661 a.a. - 757 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	36.41 kDa
AA Sequence	FKRQFVEHASEKLQLVISYTGSNCSHQVQQELSGTFAHLCQQVDVTRENLEQEIAA MNKKIEVLDSLQSKAKLLRNKAGWLDSELNMFTHQYLQPSR
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

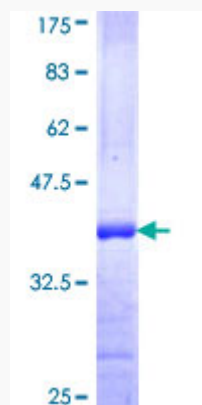
Gene Name	MFN2 mitofusin 2 [Homo sapiens]
Official Symbol	MFN2
Synonyms	MFN2; mitofusin 2; mitofusin-2; CMT2A2; CPRP1; KIAA0214; MARF; hyperplasia suppressor; transmembrane GTPase MFN2; mitochondrial assembly regulatory factor; HSG; CMT2A;
Gene ID	9927
mRNA Refseq	NM_001127660
Protein Refseq	NP_001121132
MIM	608507
UniProt ID	O95140

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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