

# Recombinant Full Length Human MFN1 Protein, GST-tagged

Cat. No. MFN1-6197HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MFN1 full-length ORF ( AAH40557, 1 a.a. - 741 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	741 amino acids
<b>Description</b>	The protein encoded by this gene is a mediator of mitochondrial fusion. This protein and mitofusin 2 are homologs of the Drosophila protein fuzzy onion (Fzo). They are mitochondrial membrane proteins that interact with each other to facilitate mitochondrial targeting. [provided by RefSeq]
<b>Molecular Mass</b>	107.25 kDa
<b>AA Sequence</b>	MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQ GYKDKLSIIGEVLSSRRHMKVAFFGRTSSGKSSVINAMLWDKVLPSGIGHITNCFLSVE GTDGDKAYLMTEGSDEKKS VKTVNQLAHALHMDKDLKAGCLVRVFWPKAKCALLR DDLVLVDSPGTDVTTTELDSWIDKFCLDADVFLVANSESTLMNTEKHFFHKVNERLS KPNIFILNNRWDASASEPEYMEDVRRQHMERC LHLFVEELKVVNALEAQRIFVSA KEVLSARKQKAQGMPE SGVALAEGFHARLQEFQNF EQIFEECISQSAVKT KFEQHTI RAKQILATVKNIMDSVNLA AEDKRHYSVEEREDQIDRLDFIRNQMNLLTLDVKKKIKE VTEEVANKVSCAMTDEICRLSVLVDEF CSEFHPNPDLVKIYKSELNKHIEDGMGRNL ADRCTDEVNALVLQTQQEIIENL KPLLPA GIQDKLHTLIPCKKFDLSYNLNYHKLC SDF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

QEDIVFRFSLGWSSLVHRFLGPRNAQRVLLGLSEPIFQLPRSLASTPTAPTTTPATPDN  
 ASQEELMITLVTGLASVTSRTSMGIIIVGGVIWKTIGWKLLSVSLTMYGALYLYERLSW  
 TTHAKERAFKQQFVNYATEKLRMIVSSTSANC SHQVKQIATTFARLCQQVDITQKQ  
 LEEEIARLPKEIDQLEKIQNNSKLLRNKAVQLENELENFTKQFLPSSNEES

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MFN1 mitofusin 1 [ Homo sapiens ]
<b>Official Symbol</b>	MFN1
<b>Synonyms</b>	MFN1; mitofusin 1; mitofusin-1; FLJ20693; fzo homolog; transmembrane GTPase MFN1; putative transmembrane GTPase; mitochondrial transmembrane GTPase FZO-2; mitochondrial transmembrane GTPase Fzo-1; hfzo1; hfzo2; MGC41806; DKFZp762F247;
<b>Gene ID</b>	55669
<b>mRNA Refseq</b>	NM_033540

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



**Protein Refseq** NP\_284941

**MIM** 608506

**UniProt ID** Q8IWA4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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