

Recombinant Human MFN1 Protein, GST-tagged

Cat. No. MFN1-4382H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MFN1 full-length ORF (AAH40557, 1 a.a. - 741 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	107.25 kDa
AA Sequence	<p>MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQ GYKDKLSIIGEVLRRHMKVAFFGRTSSGKSSVINAMLWDKVLP SGIGHITNCFLSVE GTDGDKAYLMTEGSDEKKS VKTVNQLAHALHMDKDLKAGCLVRVFWPKAKCALLR DDLVLVDSPGTDVTTELDSWIDKFCLDADVFLVANSESTLMNTEKHFFHKVNERLS KPNIFILNNRWDASASEPEYMEDVRRQHMERCLHFLVEELKVVNALAEQNRIFVSA KEVLSARKQKAQGMPE SGVALAEGFHARLQEFQNF EQIFEECISQSAVKT KFEQHTI RAKQILATVKNIMDSVNLA AEDKRHYSVEEREDQIDRLDFIRNQMNLLTLDVKKKIKE VTEEVANKVSCAMTDEICRLSVLVDEF CSEFHPNPDLK IYKSELNKHIEDGMGRNL ADRCTDEVNALVLQTQQEIIENL KPLLPA GIQDKLHTLIPCKKFDLSYNLNYHKLC SDF QEDIVFRFSLGWSSLVHRFLGPRNAQRVLLGLSEPIFQLPRSLASTPTAP TTPATPDN</p>

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

Email: info@creative-biomart.com Fax: 1-631-938-8127

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

ASQEELMITLVTGLASVTSRTSMGIIIVGGVIWKTIGWKLLSVSLTMYGALYLYERLSW
 TTHAKERAFKQQFVNYATEKLRMIVSSTSANCSSHQVKQQIATTFARLCQQVDITQKQ
 LEEEIARLPKEIDQLEKIQNNSKLLRNKAVQLENELENFTKQFLPSSNEES

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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	MFN1 mitofusin 1 [Homo sapiens]
Official Symbol	MFN1
Synonyms	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;
Gene ID	55669
mRNA Refseq	NM_033540
Protein Refseq	NP_284941

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

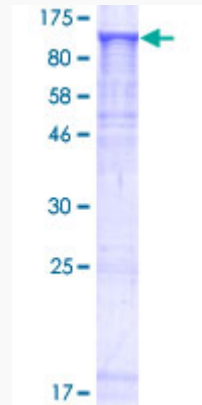
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

MIM 608506

UniProt ID Q8IWA4

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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