

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	MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQ GYKDKLSIIGEVLSSRRHMKVAFFGRTSSGKSSVINAMLWDKVLPSGIGHITNCFLSVE GTDGDKAYLMTEGSDEKKS VKTVNQLAHALHMDKDLKAGCLVRVFWPKAKCALLR DDLVLVDSPGTDVTTELDSWIDKFCLDADVFLVANSESTLMNTEKHFFHKVNERLS KPNIFILNNRWDasASEPEYMEDVRRQHMERCLHFLVEELKVVNALQAQRIFVSA KEVLSARKQKAQGMPESGVALAEGFHARLQEFQNFEECISQSAVKTKFEQHTI RAKQILATVKNIMDSVNLAEDKRHYSVEEREDQIDRLDFIRNQMNLLTLDVKKKIKE VTEEVANKVSCAMTDEICRLSVLVDEFCEFHNPDPVLKIYKSELNKHIEDGMGRNL ADRCTDEVNALVLQTQQEIIENLKPLLPAQIQDKLHTLIPCKKFDLSYNLNYHKLCSDF QEDIVFRFSLGWSSLVHRFLGPRNAQRVLLGLSEPIFQLPRSLASTPTAPTPATPDN

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ASQEELMITLVTGLASVTSRTSMGIIIVGGVIWKTIGWKLLSVSLTMYGALYLYERLSW
TTHAKERAFKQQFVNYATEKLRMIVSSTSANC SHQVKQIATTFARLCQQVDITQKQ
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

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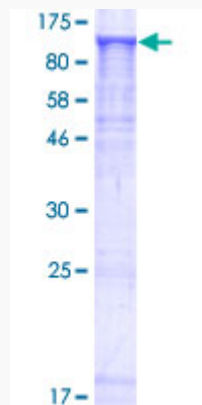
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MIM 608506

UniProt ID Q8IWA4

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue

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