

Recombinant Human MFN2 protein, His-tagged

Cat. No. MFN2-4540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MFN2 protein(O95140)(1-604 aa), fused with C-terminal His tag, was expressed in Mammalian Cells.
Species	Human
Source	Mammalian Cells
ProteinLength	1-604 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	70.0 kDa
AASequence	MSLLFSRCNSIVTVKKNKRHMAEVDNASPLKHFVTAKKKINGIFEQLGAYIQESATFLE DTYRNAELDPVTTEEQVLVDVKGYSKVRGISEVLARRHMKVAFFGRTSNGKSTVINA MLWDKVLPSGIGHTTNCFLRVEGTDGHEAFLLTEGSEEKRSKATVNQLAHLHQDK QLHAGSLVSVMWPNSKCPDLLKDDLVLMDSPGIDVTTELDSDWKFCILDADVFLVAN SESTLMQTEKHFFHKVSRLSRPNIFILNNRWDASASEPEYMEEVRRQHMERCTSF LVDELGVVDRSQAGDRIFVSAKEVLNARIQKAQGMPEGGGALAEGFQVRMFQFQN FERRFEECISQSAVKTKFEQHTVRAKQIAEAVRLIMDSLHMAAREQQVYCEEMREE RQDRLKFIDKQLELLAQDYKLRIKQITEEVERQVSTAMAEIIRRLSVLVDDYQMDFHP SPVVLKVYKNELHRHIEEGLGRNMSDRCSTAITNSLQTMQQDMIDGLKPLLPVSVRS

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QIDMLVPRQCFSNLNYDLNCDKLCADFQEDIEFHFSLGWTMLVNRFLGPKNSRRALM
GYNDQVQRPIPLTPANPSMPPLPQGSLTQEEFMVSMV

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

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

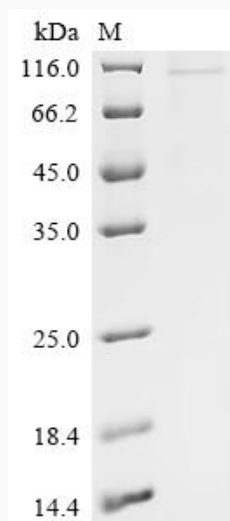
MIM 608507

UniProt ID O95140

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SDS-PAGE

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