

Recombinant Human MFN1 protein, MYC/DDK-tagged

Cat. No. MFN1-21H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MFN1 fused with MYC/DDK tag at the C-terminus was expressed in HEK293.
Species	Human
Source	HEK293
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	84 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name	MFN1 mitofusin 1 [Homo sapiens]
Official Symbol	MFN1
Synonyms	MFN1; mitofusin 1; mitofusin-1; FLJ20693; fzo homolog; transmembrane GTPase

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	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
MIM	608506
UniProt ID	Q8IWA4
Chromosome Location	3q26.32
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	GTP binding; GTPase activity; hydrolase activity; nucleotide binding;

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