

# Recombinant Human MFN1

Catalog No: #GP10592



Package Size: #GP10592-1 100ug

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## Description

Product Name	Recombinant Human MFN1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 630-741 amino acids of human mitofusin 1
Target Name	mitofusin 1
Other Names	hfzo1, hfzo2
Accession No.	Swissprot:Q8IWA4Gene Accession:BC040557
Uniprot	Q8IWA4
GeneID	55669;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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. Essential transmembrane GTPase, which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. MFN1 acts independently of the cytoskeleton. Overexpression induces the formation of mitochondrial networks

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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