

MFN1 抗原（重组蛋白）

中文名称： MFN1 抗原（重组蛋白）

英文名称： MFN1 Antigen (Recombinant Protein)

别 名： hfzo1, hfzo2

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 630-741 amino acids of human MFN1

技术规格

Full name:	mitofusin 1
Synonyms:	hfzo1, hfzo2
Swissprot:	Q8IWA4
Gene Accession:	BC040557
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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

en fusion and fission. MFN1 acts independently of the cytoskeleton.
Overexpression induces the formation of mitochondrial networks