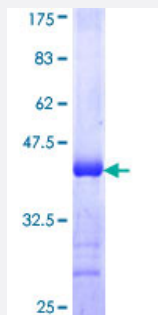


MFN1 (Human) Recombinant Protein (Q01)

Catalog # H00055669-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MFN1 partial ORF (NP_060397, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAEPVSPLKHFVLAKKAITAIFDQLLEFVTEGSHFVEATYKNPELDRIATEDDLVEMQGYKDKLSIIG EVLSRRHMKVAFFGRTSSGKSSVINAMLWDKV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (91); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MFN1

Entrez GeneID	55669
GeneBank Accession#	NM_017927
Protein Accession#	NP_060397
Gene Name	MFN1
Gene Alias	DKFZp762F247, FLJ20693, MGC41806, hfzo1, hfzo2
Gene Description	mitofusin 1
Omim ID	608506
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	mitochondrial transmembrane GTPase FZO-2 mitochondrial transmembrane GTPase Fzo-1 putative transmembrane GTPase

Disease

- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)