

Mitofusin 2 Recombinant Protein | MFN2 recombinant protein

Recombinant Mitofusin 2 (MFN2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA150280	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

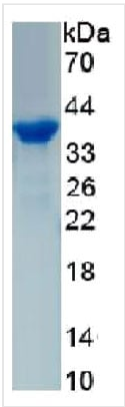
PRODUCT SYNONYMS

Mitofusin 2; Recombinant Mitofusin 2 (MFN2); CMT2A; CMT2A2; CPRP1; HSG; MARF; Transmembrane GTPase MFN2; MFN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 450ug/mL (varies by lot)
Applicable Applications for MFN2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Lys316
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



MSLLFSRCNS IVTVKKNRH MAEYNASPLK HFVIAKKIN GIFEQLGAYI QESATPLEDT
YRNARLDPTT TEEQMLDVG YLSKVRGISE VLARRHMYA FFGRTSMKKS TVINAMLWDA
VLPSCIGHTT NCLFLVEGTD GHEAPLLTEG SEERKSAETV NGLAHALHMD RQLHAGSLVS
VWHPNSECP LKDDVLMDS PGIDVTTELD SWIDFCLDA DPFVLVANSF STLMQTSKHS
FHKYSERLSR FNIIFILNHW DASASEPYM EEVRQHMER CTSFLVDELG VVDRSQAGDR
IFFYSAKEVL NARIQK

Sequence

SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for MFN2 recombinant protein	Metabolic pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7662004
NCBI GeneID	9927
NCBI Accession #	NP_055689
NCBI GenBank Nucleotide #	NP_055689.1
UniProt Accession #	O95140
Molecular Weight	Predicted Molecular Mass: 39.4 kDa Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	mitofusin-2
NCBI Official Synonym Full Names	mitofusin 2
NCBI Official Symbol	MFN2
NCBI Official Synonym Symbols	HSG; MARF; CMT2A; CPRP1; CMT2A2; HMSN6A; CMT2A2A; CMT2A2B
NCBI Protein Information	mitofusin-2
UniProt Protein Name	Mitofusin-2
UniProt Gene Name	MFN2
UniProt Synonym Gene Names	CPRP1; KIAA0214
UniProt Entry Name	MFN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.