Mitofusin 1 Recombinant Protein | MFN1 recombinant protein

Recombinant Mitofusin 1 (MFN1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21035	**E.coli**	**Homo sapiens (Human)**	**SDS-Page, Western Blot**

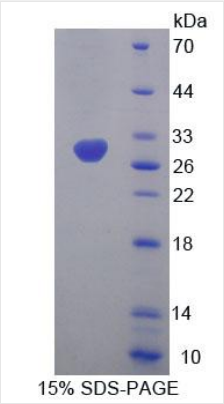
PRODUCT SYNONYMS

Mitofusin 1; Recombinant Mitofusin 1 (MFN1); Hfzo1; Hfzo2; Transmembrane GTPase MFN1; Fzo homolog; MFN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 600ug/mL (varies by lot)
Applicable Applications for MFN1 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Met1~Leu227
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in ddH2O 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



SDS-PAGE

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MAEPVSPLKH FVLAKKAITA IFDQLLEFVT EGSHFVEATY KNPELDRIAT
EDDLVEMQGY KDKLSIIGEV LSRRHMKVAF FGRTSSGKSS VINAMLWDKV
LPSGIGHITN CFLSVEGTDG DKAYLMTEGS DEKKSVKTVN QLAHALHMDK
DLKAGCLVRV FWPKAKCALL RDDLVLVDSP GTDVTTELDS WIDKFCLDAD
VFVLVANSES TLMNTEKHFF HKVNERL
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Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	26251799
NCBI GeneID	55669
Molecular Weight	Predicted Molecular Mass: 29.1kDa Accurate Molecular Mass: 29kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Mitofusin 1
NCBI Official Synonym Full Names	mitofusin 1
NCBI Official Symbol	MFN1
NCBI Official Synonym Symbols	hfzo1; hfzo2
NCBI Protein Information	mitofusin-1
UniProt Protein Name	Mitofusin-1
UniProt Gene Name	**MFN1**
UniProt Entry Name	MFN1_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.

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Online datasheet: https://stage.aaabiotech.com/mfn1-recombinant-protein-e-coli-positive-control-immunogen-sds-page-wb-western-blot/21035