Dynamin-1-Like Protein (dnm1l) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	Dynamin-1-like protein (dnm1l), Recombinant Protein
Full Product Name	Recombinant Danio rerio Dynamin-1-like protein (dnm1l), partial
Product Gene Name	dnm1l recombinant protein
Product Synonym Gene Name	dnm1l
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	77,263 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q7SXN5
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for dnm1l recombinant protein	MBS1283671 is a recombinant protein targeting dnm1l. Also known as Recombinant Danio rerio Dynamin-1-like protein (dnm1l), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of dnm1l recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for dnm1l. It may not necessarily be applicable to this product.

NCBI GI #	41055508
NCBI GeneID	393896
NCBI Accession #	NP_957216.1
UniProt Primary Accession #	Q7SXN5
UniProt Related Accession #	Q7SXN5
GenBank Nucleotide #	NM_200922.1
NCBI Official Full Name	dynamin-1-like protein
NCBI Official Synonym Full Names	dynamin 1-like
NCBI Official Symbol	dnm1l

NCBI Official Synonym Symbols	zgc:66163
UniProt Protein Name	Dynamin-1-like protein
Protein Family	Dynamin-1-like protein
UniProt Gene Name	dnm1l
NCBI Protein Information	dynamin-1-like protein
UniProt Comments for dnm1l	Functions in mitochondrial and peroxisomal division. Mediates membrane fission through oligomerization into membrane-associated tubular structures that wrap around the scission site to constrict and sever the mitochondrial membrane through a GTP hydrolysis-dependent mechanism. Plays an important role in mitochondrial fission during mitosis ().
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