Damage-Regulated Import Facilitator 1 (DIF1) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Damage-regulated import facilitator 1 (DIF1), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii Damage-regulated import facilitator 1 (DIF1)
Product Gene Name	DIF1 recombinant protein
Product Synonym Gene Name	DIF1; AER122C
Product Synonym Names	Damage-regulated import facilitator 1
Sequence	MCLYVNKEHP YTQASGPWPA CLPRRWQLYK DQRRLHRPGG RRPMSTSDSH LGSPRKRQLQ RAAPAAPQHS EYQQQLSTLG MRIRQAVDNG YRAPQDPVRA AVPHAVPAAA CVQDNTLYTV PDYKRVPLAA DRAPPMLVNQ RTVSSTSSLQ AWESQLDERL SLIDSSIMHN KLGAGEFMLG GTKRAFDQLE TDNW
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	21,858 Da
Sequence Positions	1-194aa; full length protein
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 Q756Z2
Species	Ashbya gossypii (strain 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (Eremothecium gossypii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DIF1 recombinant protein	MBS1279995 is a recombinant protein targeting DIF1. Also known as Recombinant Ashbya gossypii Damage-regulated import facilitator 1 (DIF1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of DIF1 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 DIF1. It may not necessarily be applicable to this product.

NCBI GI #	45190727
NCBI GeneID	4621187
NCBI Accession #	NP_984981.1
UniProt Primary Accession #	Q756Z2
UniProt Related Accession #	Q756Z2

GenBank Nucleotide #	NM_210335.1
NCBI Official Full Name	AER122Cp
NCBI Official Symbol	AGOS_AER122C
UniProt Protein Name	Damage-regulated import facilitator 1
Protein Family	Damage-regulated import facilitator
UniProt Gene Name	DIF1
UniProt Synonym Gene Names	AER122C
UniProt Entry Name	DIF1_ASHGO
NCBI Protein Information	AER122Cp
UniProt Comments for DIF1	Mediates the nuclear localization of the ribonucleotide reductase.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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