Shugoshin (sgo-1) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Shugoshin (sgo-1), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa Shugoshin (sgo-1), partial
Product Gene Name	sgo-1 recombinant protein
Product Synonym Gene Name	sgo-1
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	84,750 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 Q872U8
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sgo-1 recombinant protein	MBS1284995 is a recombinant protein targeting sgo-1. Also known as Recombinant Neurospora crassa Shugoshin (sgo-1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sgo-1 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 sgo-1. It may not necessarily be applicable to this product.

NCBI GI #	85080895
NCBI GeneID	3872773
NCBI Accession #	XP_956626.1
UniProt Primary Accession #	Q872U8
UniProt Secondary Accession #	Q1K569
UniProt Related Accession #	Q872U8
GenBank Nucleotide #	XM_951533.2
NCBI Official Full Name	hypothetical protein NCU01842
NCBI Official Symbol	NCU01842

UniProt Protein Name	Shugoshin
Protein Family	Shugoshin
UniProt Gene Name	sgo-1
NCBI Protein Information	hypothetical protein
UniProt Comments for sgo-1	Plays a central role in chromosome cohesion during cell division by preventing premature dissociation of cohesin complex from centromeres after prophase, when most of cohesin complex dissociates from chromosomes arms.
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