Zinc Finger Protein SFP1 (SFP1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Zinc finger protein SFP1 (SFP1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Zinc finger protein SFP1 (SFP1) , partial
Product Gene Name	SFP1 recombinant protein
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	74,785 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 P32432
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SFP1 recombinant protein	MBS1253765 is a recombinant protein targeting SFP1. Also known as Recombinant Saccharomyces cerevisiae Zinc finger protein SFP1 (SFP1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SFP1 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 SFP1. It may not necessarily be applicable to this product.

NCBI GI #	6323435
NCBI GeneID	851119
NCBI Accession #	NP_013507.1
UniProt Primary Accession #	P32432
UniProt Secondary Accession #	D6VZ36
UniProt Related Accession #	P32432
GenBank Nucleotide #	NM_001182291.1
NCBI Official Full Name	zinc-coordinating transcription factor SFP1
NCBI Official Symbol	SFP1
UniProt Protein Name	Transcription factor SFP1

UniProt Synonym Protein Names	Split finger protein 1
Protein Family	Sugar transporter
UniProt Gene Name	SFP1
NCBI Protein Information	zinc-coordinating transcription factor SFP1
UniProt Comments for SFP1	Transcription factor that regulates ribosomal protein (RP) and ribosome biogenesis (Ribi) gene expression in response to nutrients and stress. Promotes RP gene expression under optimal growth conditions. Leaves the nucleus upon environmental challenges, resulting in a down-regulation of RP gene transcription. The effect of the environmental cues on SFP1 localization is mediated through the TOR pathway. Also regulates the expression of genes involved in the G2/M transition during the mitotic cell cycle and the DNA-damage response. Required for carbon-source modulation of cell size.
Research Articles on SFP1	**1.** Authors propose that Sfp1p serves as a part of a regulatory complex, and the activity of this complex may be modulated differently by the absence or prionization of Sfp1p.
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