ATP-Dependent RNA Helicase Chl1 (chl1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	ATP-dependent RNA helicase chl1 (chl1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe ATP-dependent RNA helicase chl1 (chl1), partial
Product Gene Name	chl1 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	96,204 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 O14147
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for chl1 recombinant protein	MBS1263275 is a recombinant protein targeting chl1. Also known as Recombinant Schizosaccharomyces pombe ATP-dependent RNA helicase chl1 (chl1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of chl1 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 chl1. It may not necessarily be applicable to this product.

NCBI GI #	19115889
NCBI GeneID	2543118
NCBI Accession #	NP_594977.1
UniProt Primary Accession #	O14147
GenBank Nucleotide #	NM_001020408.2
NCBI Official Full Name	ATP-dependent DNA helicase Chl1 (predicted)
NCBI Official Symbol	chl1
UniProt Protein Name	ATP-dependent DNA helicase chl1
UniProt Synonym Protein Names	Chromosome loss protein 1

Protein Family	ATP-dependent DNA helicase
UniProt Gene Name	chl1
NCBI Protein Information	ATP-dependent DNA helicase Chl1 (predicted)
UniProt Comments for chl1	ATP-dependent DNA helicase important for chromosome transmission and normal cell cycle progression in G2/M (). May have a role in changing DNA topology to allow the loading of proteins involved in maintaining sister chromatid cohesion in the vicinity of the centromeres (). Has a specific role in chromosome segregation during meiosis II ().
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