N-Terminal Acetyltransferase A Complex Catalytic Subunit Ard1 (ard1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	N-terminal acetyltransferase A complex catalytic subunit ard1 (ard1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe N-terminal acetyltransferase A complex catalytic subunit ard1 (ard1)
Product Gene Name	ard1 recombinant protein
Product Synonym Gene Name	ard1
Sequence	MDIRPARISD LTGMQNCNLH NLPENYQLKY YLYHAISWPM LSYVATDPKG RVVGYVLAKM EEEPKDGIPH GHITSVSVMR SYRHLGLAKR LMVQSQRAMV EVYGAKYMSL HVRKSNRAAI HLYRDTLQFD VQGIESKYYA DGEDAYAMHK DFSTLKFDTP ETNDELAKTV QSLALNN
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	20,305 Da
Sequence Positions	1-177, Full length
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 Q9UTI3
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ard1 recombinant protein	MBS1340747 is a recombinant protein targeting ard1. Also known as Recombinant Schizosaccharomyces pombe N-terminal acetyltransferase A complex catalytic subunit ard1 (ard1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ard1 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 ard1. It may not necessarily be applicable to this product.

NCBI GI #	19115221
NCBI GeneID	2542765
NCBI Accession #	NP_594309.1
UniProt Primary Accession #	Q9UTI3

GenBank Nucleotide #	NM_001019732.2
NCBI Official Full Name	NatA N-acetyltransferase complex catalytic subunit Naa10 (predicted)
NCBI Official Symbol	naa10
UniProt Protein Name	N-terminal acetyltransferase A complex catalytic subunit ard1
Protein Family	D-arabinitol dehydrogenase
UniProt Gene Name	ard1
UniProt Synonym Gene Names	NatA complex subunit ARD1
NCBI Protein Information	NatA N-acetyltransferase complex catalytic subunit Naa10 (predicted)
UniProt Comments for ard1	Catalytic component of the NatA N-terminal acetyltransferase, which catalyzes acetylation of proteins beginning with Met-Ser, Met-Gly and Met-Ala. N-acetylation plays a role in normal eukaryotic translation and processing, protect against proteolytic degradation and protein turnover.
Research Articles on ard1	**1.** NatA forms a stable complex with the ribosome in the absence of other stabilizing factors and through two conserved regions; primarily through an N-terminal domain and an internal basic helix.
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