Long Chronological Lifespan Protein 2 (LCL2) Ashbya Gossypii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Long chronological lifespan protein 2 (LCL2), Recombinant Protein
Full Product Name	Recombinant Ashbya gossypii Long chronological lifespan protein 2 (LCL2)
Product Gene Name	LCL2 recombinant protein
Product Synonym Gene Name	LCL2; AGR072W; AGOS_AGR072W
Product Synonym Names	Long chronological lifespan protein 2
Sequence	FFFD FGGHQAQQQT QQTTSYEDSV LNSDCKGYVC PYTNECSRGP EECSCPFPRS QLRCVLPNKQ VVCISKPATN DKKLNDVYDD TAKGPRARNK GVRDCGWVEA AYKGLV
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	13,996 Da
Sequence Positions	17-126aa; 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 Q74ZY6
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 LCL2 recombinant protein	MBS1316824 is a recombinant protein targeting LCL2. Also known as Recombinant Ashbya gossypii Long chronological lifespan protein 2 (LCL2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of LCL2 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 LCL2. It may not necessarily be applicable to this product.

NCBI GI #	45201167
NCBI GeneID	4623038
NCBI Accession #	NP_986737.1
UniProt Primary Accession #	Q74ZY6
UniProt Related Accession #	Q74ZY6

GenBank Nucleotide #	NM_211799.1
NCBI Official Full Name	AGR072Wp
NCBI Official Symbol	AGOS_AGR072W
UniProt Protein Name	Long chronological lifespan protein 2
Protein Family	Long chronological lifespan protein
UniProt Gene Name	LCL2
UniProt Entry Name	LCL2_ASHGO
NCBI Protein Information	AGR072Wp
UniProt Comments for LCL2	Probable component of the endoplasmic reticulum-associated degradation (ERAD) pathway.
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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