Sucrose Synthase 1 (SUS1) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sucrose synthase 1 (SUS1), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Sucrose synthase 1 (SUS1), partial
Product Gene Name	SUS1 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	92,908 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 P31924
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SUS1 recombinant protein	MBS1255717 is a recombinant protein targeting SUS1. Also known as Recombinant Oryza sativa subsp. japonica Sucrose synthase 1 (SUS1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of SUS1 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 SUS1. It may not necessarily be applicable to this product.

NCBI GI #	1002251232
NCBI GeneID	4333062
NCBI Accession #	XP_015629843.1
UniProt Primary Accession #	P31924
UniProt Secondary Accession #	Q10K07; Q10K08; Q7G7N0; A0A0P0VZ94; F4MFT0
UniProt Related Accession #	P31924
GenBank Nucleotide #	XM_015774357.1
NCBI Official Full Name	sucrose synthase 1
NCBI Official Symbol	LOC4333062
NCBI Official Synonym Symbols	RSs2; SUS1; RSUS1; OsSUS1; OsJ_11182

UniProt Protein Name	Sucrose synthase 1
UniProt Synonym Protein Names	Sucrose synthase 2; RSs2; Sucrose-UDP glucosyltransferase 1
Protein Family	Sucrose synthase
UniProt Gene Name	SUS1
UniProt Synonym Gene Names	RSS2; RSUS1; OsSUS1; RSs2
NCBI Protein Information	sucrose synthase 1
UniProt Comments for SUS1	Sucrose-cleaving enzyme that provides UDP-glucose and fructose for various metabolic pathways.
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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