Galactose-1-Phosphate Uridylyltransferase (gal7) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Galactose-1-phosphate uridylyltransferase (gal7), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Galactose-1-phosphate uridylyltransferase (gal7)
Product Gene Name	gal7 recombinant protein
Product Synonym Gene Name	gal7
Sequence	MTSKKFDFTE YSHRRYNPLT DSYVLCSPHR AKRPWQGAKE EIKKDDTVKY DPTCYLCPGN IRATGFENPK YETTYVFPND YPAVRVDQPD YMQDESEITK GNTLKTRMFK TEGVKGKCFV ICFCPNHNLT LPLMSAEAIC NVVETWKHLY VTLKKESLEG PIRYKYLQIF ENKGSAMGCS NPHPHGQAWC LDVIPSVVAQ EMCNMTKYFE LNNSHLLGDY VKLEMLEKER IVVENDSFIV VVPYWALWPF ETLLIAKEHL KSLEEFEEKQ KVDLASALKM LTTKYDNLFN TSFPYSMGLH QAPLYGSNEE VENSWFHMHF YPPLLRSATV KKFCVGFEML GEPQRDLTSE QAAARLQELD GQKHYKNLL
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	42,822 Da
Sequence Positions	1-369, 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 Q9HDU5
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for gal7 recombinant protein	MBS1439050 is a recombinant protein targeting gal7. Also known as Recombinant Schizosaccharomyces pombe Galactose-1-phosphate uridylyltransferase (gal7). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of gal7 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 gal7. It may not necessarily be applicable to this product.

NCBI GI #	19113648
NCBI GeneID	2541407
NCBI Accession #	NP_596856.1

UniProt Primary Accession #	Q9HDU5
GenBank Nucleotide #	NM_001023879.2
NCBI Official Full Name	galactose-1-phosphate uridylyltransferase Gal7
NCBI Official Symbol	gal7
UniProt Protein Name	Galactose-1-phosphate uridylyltransferase
UniProt Synonym Protein Names	UDP-glucose--hexose-1-phosphate uridylyltransferase
Protein Family	Gallinacin
UniProt Gene Name	gal7
UniProt Synonym Gene Names	Gal-1-P uridylyltransferase
NCBI Protein Information	galactose-1-phosphate uridylyltransferase Gal7
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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