Uridine Permease (FUI1) Saccharomyces Cerevisiae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Uridine permease (FUI1), Recombinant Protein
Full Product Name	Recombinant Saccharomyces cerevisiae Uridine permease (FUI1) , partial
Product Gene Name	FUI1 recombinant protein
Sequence	MPVSDSGFDN SSKTMKDDTI PTEDYEEITK ESEMGDATKI TSKIDANVIE KKDTDSENNI TIAQDDEKVS WLQRVVEFFE VKNDSTDLAD HKPENPIRTF KDLQESLRST YLYNTDLRPV EAKRRTWTWK QYIFFWISGS FNVNTWQISA TGLQLGLNWW QTWICIWVGY TFVAFFLILG SKVGNNYHIS FPISSRVSFG IYFSIWIVIN RVVMACVWNS TLAYIGSQCV QLMLKAIFGT NLNTRIKDTI KNPNLTNFEF MCFMVFWVAC LPFLWFPPDK LRHIFALKSA ITPFAAFGFL IWTLCKAKGH LALGSLNDNG GAISKTVLAW SVIRAIMSAL DNFSTLILNA PDFTRFGKTY KSSVYSQLIA LPVCYAIISL IGILSVSAAY TLYGVNYWSP LDILNRYLDN YTSGNRAGVF LISFIFAFDQ LGANLSGNSI PAGTDLTALL PKFINIRRGS YICALISLAI CPWDLLSSSS KFTTALAAYA VFLSAIAGVI SADYFIVRKG YVNIFHCYTD KPGSYYMYNK YGTNWRAVVA YIFGIAPNFA GFLGSVGVSV PIGAMKVYYL NYFVGYLLAA LSYCILVYFY PIKGIPGDAK ITDRKWLEEW VEVEEFGTER EAFEEYGGVS TGYEKIRYI
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	72,165 Da
Sequence Positions	1-639
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 P38196
Species	Saccharomyces cerevisiae (strain 204508 / S288c) (Baker's yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FUI1 recombinant protein	MBS1227959 is a recombinant protein targeting FUI1. Also known as Recombinant Saccharomyces cerevisiae Uridine permease (FUI1) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FUI1 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 FUI1. It may not necessarily be applicable to this product.

NCBI GI #	6319429
NCBI GeneID	852238
NCBI Accession #	NP_009511.1

UniProt Primary Accession #	P38196
UniProt Secondary Accession #	D6VPV6
UniProt Related Accession #	P38196
GenBank Nucleotide #	NM_001178282.1
NCBI Official Full Name	uridine permease
NCBI Official Symbol	FUI1
UniProt Protein Name	Uridine permease
Protein Family	Uridine permease
UniProt Gene Name	FUI1
NCBI Protein Information	uridine permease
UniProt Comments for FUI1	High-affinity transport of uridine.
Research Articles on FUI1	**1.** Fui1p-mediated transport of Urd was inhibited by analogs with modifications at C-5', but was not inhibited significantly by analogs with modifications at C-3', C-5, and N-3 or inversions of configuration at C-2' and C-3'.
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