



Recombinant *Saccharomyces cerevisiae* 1-acylglycerol-3-phosphate O-acyltransferase ICT1 (ICT1)

Product Code	CSB-YP615498SVG
Abbreviation	ICT1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q12385
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MWTNTFKWCS KTEKETTTAD AKVCASVQGL KALQQQIMDS TTVRGSVNNT MTPGGINQWH FHNKRANKVC TPTVLIHG YA ASSMAFYRTF ENLSDNIKDL YAILDPANGA SEAPALQVNK TTKIKSLRFK HIEDDVVIPV IEKRPPAEDI KSHLEQYESY FVDRIEQWRK DNKLRKINVV GHSFGGYISF KYALKYPDSI EKLC LISPLG VENSIIHAITH KWEPNTTYPL TFTDPSSRY Y TRKLNVP RFI FENQLNVLKW MGPIGSKLCS NYISTAYVKV PDQIYKDYLL HSFVGKNQTV QPQTIKVFTH LFERNLIARD PIINNV RFLN PATPVMFMYG EHDWMDKYAG YLTTESMLKN KAKASYVEVP DAGHNLFLDN PQHFASSLVS FLSK
Source	Yeast
Target Names	ICT1
Protein Names	Recommended name: 1-acylglycerol-3-phosphate O-acyltransferase ICT1 EC= 2.3.1.51 Alternative name(s): Increased copper tolerance protein 1 Lysophosphatidic acid acyltransferase ICT1 Short name= LPAAT
Expression Region	1-394
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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