



# Recombinant *Saccharomyces cerevisiae* Glycerol-3-phosphate O-acyltransferase 1 (SCT1)

<b>Product Code</b>	CSB-CF341356SVG
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P32784
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Sequence</b>	<p>MPAPKLTEKFASSKSTQKTTNYSSIEAKSVKTSADQAYIQEPSATKKILYSIAT  WLLYN  IFHCFFREIRGRGSFKVPQQGPVIFVAAPHANQFVDPVILMGEVKKSVNRRVSF  LIAESS  LKQPPIGFLASFFMAIGVVRPQDNLKP AEGTIRVDPTDYKRVIGHDTHFLTDCM  PKGLIG  LPKSMGFGEIQSIESDTSLTRKEFKMAKPEIKTALLTGTTYKYAAKVDQSCVY  HRVFEH  LAHNNCIGIFPEGGSHDRTNLLPLKAGVAIMALGCMDKHPDVNVKIVPCGMNY  FHPHKFR  SRAVVEFGDPIEIPKELVAKYHNPETNRDAVKELLDTISKGLQSVTVTCSDYETL  MVVQT  IRRLYMTQFSTKLPLPLIVEMNRRMVKGYEFYRNDPKIADLTKDIMAYNAALRH  YNLPDH  LVEEAKVNFANKLGLVFFRSIGLCILFSLAMPGIIMFSPVFILAKRISQEKARTALS  KST  VKIKANDVIATWKILIGMGFAPLLYIFWSVLITYYLRHKPWNKIYVFSGSYISCVIV  TYS  ALIVGDIGMDGFKSLRPLVLSLTSPKGLQKLQKDRRNLAERIEVVNNFGSELF  DFDSA  ALREEFDVIDEEEEEDRKTSELNRRKMLRKQKIKRQEKDSSSPIISQRDNHDA  YEHNNQDS  DGVSLVNSDNSLSNIPLFSSTFHRKSESSLASTSVAPSSSSEFEVENEILEEKN  GLASKI AQAVLNKRIGENTAREEEEEEEEEEEEEEEEEEEEEEGKEGDA</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	SCT1
<b>Protein Names</b>	Recommended name: Glycerol-3-phosphate O-acyltransferase 1 Short name= G-3-P acyltransferase 1 EC= 2.3.1.15 Alternative name(s): Dihydroxyacetone phosphate acyltransferase 1 Short name= DHAP-AT 1 EC= 2.3.1.42 Glycer
<b>Expression Region</b>	1-759
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.

**Protein Length**

full length protein

**Shelf Life**

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.