



Recombinant *Saccharomyces cerevisiae* Glycerol-3-phosphate O-acyltransferase 2 (GPT2)

Product Code	CSB-CF330544SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P36148
Product Type	Transmembrane Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Sequence	<p>MSAPAADHNAAKPIPHVPQASRRYKNSYNGFVYNIHTWLYDVSVFLFNILFTIF FREIKV RGAYNVPEVGVPTILVCAPHANQFIDPALVMSQTRLLKTSAGKSRSRMPCFVT AESSFKK RFISFFGHAMGGIPVPRIQDNLKPVDENLEIYAPDLKNHPEIHKGRSKNPQTTPV NFTKR FSAKSLGLPDYLSNAQIKEIPDDETIILSSPFRTSKSKVVELLTNGTNFKYAEKI DNTE TFQSVFDHLHTKGCVGIFPEGGSHDRPSLLPIKAGVAIMALGAVAADPTMKVA VVPCGLH YFHRNKFRSRVLEYGEPVVDGKYGEMYKDSPRETVSKLLKKITNSLFSVTEN APDYDT LMVIQAARRLYQPVKVRLPLPAIVEINRLLFGYSKFKDDPRIIHLKLVYDYNR KLDSV GLKDHQVMQLKTTKLEALRCFVTLIVRLIKFSVFAILSLPGSILFTPIFIICRVYSEK KA KEGLKSLVKIKGTDLLATWKLIVALILAPILYVTYSILLIILARKQHYCRIWVPSNN AF IQFVYFYALLVFTTYSSLKTGEIGVDLFSKLRPLFVSIVYPGKKIEEIQTTRKNLSL ELT AVCNDLGPLVFPDYDKLATEIFSKRDGYDVSSDAESSISRMSVQSRSSSIHS IGSLAS NALS RVNSRGLTDIPIFSDAKQGQWKSEGETSEDEDEFDEKNPAIVQTARSS DLNKENS RNTNISSKIASLVRQKREHEKKE</p>
Source	in vitro E.coli expression system
Target Names	GPT2
Protein Names	Recommended name: Glycerol-3-phosphate O-acyltransferase 2 Short name= G-3-P acyltransferase 2 EC= 2.3.1.15 Alternative name(s): Dihydroxyacetone phosphate acyltransferase 2 Short name= DHAP-AT 2 EC= 2.3.1.42 Glycer
Expression Region	1-743
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

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.