

Recombinant Full Length *Saccharomyces Cerevisiae* Glycerol-3-Phosphate O-Acyltransferase 2(Gpt2) Protein, His-Tagged

Cat. No. RFL27282SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Saccharomyces cerevisiae</i> Glycerol-3-phosphate O-acyltransferase 2(GPT2) Protein (P36148) (1-743aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>S.cerevisiae</i>
Source	<i>E.coli</i>
ProteinLength	Full Length (1-743)
Form	Lyophilized powder
AA Sequence	MSAPAADHNAAKPIPHVPQASRRYKNSYNGFVYNIHTWLYDVSFVLFNLTFFREIK V RGAYNVPEVGVPTILVCAPHANQFIDPALVMSQTRLLKTSAGKSRSRMPCFVTAE SSFKK RFISFFGHAMGGIPVPRIQDNLKPVDENLEIYAPDLKNHPEIHKGRSKNPQTT PVNFTKR FSAKSLLGLPDYLSNAQIKEIPDDETIILSSPFRTSKSKVVELLTNGTNFKY AEKIDNTE TFQSVFDHLHTKGCVGIFPEGGSHDRPSLLPIKAGVAIMALGAVAADPT MKVAVVPCGLH YFHRNKFRSRVLEYGEPIVVDGKYGEMYKDSPRETVSKLLKKIT NSLFSVTENAPDYDT LMVIQAARRLYQPVKVRLLPLPAIVEINRRLLFGYSKFKDDPRII HLKKLVYDYNRKLDV GLKDHQVMQLKTTKLEALRCFVTLLVRLIKFSVFAILSLPGSI LFTPIFIICRVYSEKKA KEGLKKSLLVKKIGTDLLATWKLIVLILAPILYVTYSILLIILARK QHYCRIWVPSNNAF IQFVYFYALLVFTTYSSLKTGEIGVDLFKSLRPLFVSIVYPGKKI EEIQTTRKNLSLELT AVCNDLGPLVFPDYDKLATEIFSKRDGYDVSSDAESSISRMSV

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QSRSRSSSIHSIGSLAS NALSRVNSRGS LTDIPIFSDAKQGQWKSEGETSEDEDEFD
EKNPAIVQTARSSDLNKENS RNTNISSKIASLVRQKREHEKKE

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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.

GENE INFORMATION

Gene Name GPT2

Synonyms GPT2; GAT1; YKR067W; Glycerol-3-phosphate O-acyltransferase 2; G-3-P acyltransferase 2; GPAT 2; Dihydroxyacetone phosphate acyltransferase 2; DHAP-AT 2; Glycerol-3-phosphate / dihydroxyacetone phosphate acyltransferase 2

UniProt ID [P36148](#)

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