



Recombinant Arabidopsis thaliana Glycerol-3-phosphate acyltransferase, chloroplastic (ATS1)

Product Code	CSB-EP670390DOA
Abbreviation	ATS1
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.	Q43307
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	ELSHSRTFLD ARSEQDLLSG IKKEAEAGRL PANVAAGMEE LYWNYKNAVL SSGASRADET VVSNMSVAFD RMLLGVEDPY TFNPYHKAVR EPFDYYMFVH TYIRPLIDFK NSYVGNASIF SELEDKIRQG HNIVLISNHQ SEADPAVISL LLEAQSPFIG ENIKCVAGDR VITDPLCKPF SMGRNLICVY SKKHMNDDE LVDMKRKANT RSLKEMATML RSGGQLIWA PSGGRDRPNP STGEWFPAPF DASSVDNMRR LVEHSGAPGH IYPMSLLCYD IMPPPPQVEK EIGEKRLVGF HGTGLSIAPE INFSDVTADC ESPNEAKEAY SQALYKSVNE QYEILNSAIK HRRGVEASTS RVSLSQPWN
Source	E.coli
Target Names	ATS1
Protein Names	Recommended name: Glycerol-3-phosphate acyltransferase, chloroplastic Short name= GPAT EC= 2.3.1.15
Expression Region	91-459
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 of Mature 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. 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.