



Recombinant *Arabidopsis thaliana* Glycerol-3-phosphate acyltransferase 1 (GPAT1)

Product Code	CSB-CF871066DOA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9SHJ5
Product Type	Transmembrane Protein
Immunogen Species	<i>Arabidopsis thaliana</i> (Mouse-ear cress)
Sequence	MVLPPELLVILAEWVLYRLLAKSCYRAARKLRGYGFQLKNLLSLSKTQSLHNNSQ HHLHNNH HQQNHPNQTLQDSLDPFLFSLTKYQELLDDKNRACSVSSDHYRDTFFCDIDGV LLRQHSS KHFHTFFPYFMLVAFEGGSIIRAILLLLSCSFLWTLQQETKLRVLSFITFSGLRVK DMDN VRSVLPKFFLENLNIQVYDIWARTEYSKVVFSTSLPQVLVERFLREHLNADDVI GTKLQE IKVMGRKFYTGLASGSGFVLKHKSAEDYFFDSKPKPALGIGSSSSPQDHIFISIC KEAYF WNEEESMSKNNALPRERYPKPLIFHDGRLAFLPTPLATLAMFIWLPIGFLLAVF RISVGV FLPYHVANFLASMSGVRITFKTHNLNNGRPEKGNISGVLYVCNHRTLLDPVFLT TSLGKPL TAVTYSLSKFSEFIAPLKTVSLKRDRKGDGEAMQRLLSKGDLVVCPEGTTCRE PYLLRFS PLFAELTEDIVPVAVDARVSMFYGTTASGLKCLDPIFFLMNPRPVYCLEILKKLP KEMTC AGGKSSFVANFIQGELARVLGFECTNLTRRDKYLVLAGNEGIVR
Source	in vitro <i>E.coli</i> expression system
Target Names	GPAT1
Protein Names	Recommended name: Glycerol-3-phosphate acyltransferase 1 Short name= AtGPAT1 EC= 2.3.1.15
Expression Region	1-585
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.