



Recombinant *Limnanthes douglasii* 1-acyl-sn-glycerol-3-phosphate acyltransferase (PLSC)

Product Code	CSB-CF675965LCAB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q42870
Product Type	Transmembrane Protein
Immunogen Species	<i>Limnanthes douglasii</i> (Douglas' meadowfoam)
Sequence	MAKTRTSSLRNRRQLKPAVAATADDDKDGVMVLLSCFKIFVCFAIVLITAVAW GLIMVL LLPWPYMRIRLGNLYGHIIGGLVIWIYGIPIKIQGSEHTKKRAIYISNHASPIDAFF VMW LAPIGTVGVAKKEVIWYPLLGQLYTLAHHIRIDRSNPAAAIQSMKEAVRVITEKN LSLIM FPEGTRSRDGRLLPFKKGFVHLALQSHLPVPMILTGTHLAWRKGTFRVRPVPI TVKYL PINTDDWTVDKIDDYVKMIHDVYVRNLPASQKPLGSTNRSN
Source	in vitro E.coli expression system
Target Names	PLSC
Protein Names	Recommended name: 1-acyl-sn-glycerol-3-phosphate acyltransferase Short name= 1-AGP acyltransferase Short name= 1-AGPAT EC= 2.3.1.51 Alternative name(s): Lysophosphatidic acid acyltransferase Short name= LPAAT
Expression Region	1-281
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.