



Recombinant *Schizosaccharomyces pombe* Lysophospholipid acyltransferase (ale1)

Product Code	CSB-CF527310SXV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O42916
Product Type	Transmembrane Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Sequence	MAYLIDIPFEYFSSFLGVHPDQLKLLFCFLSAYPFAGILKRLPSAPWIRNLFSISIG LFY LIGVHHLYDGVLVLLFDALFTYFVAAFYRSSRMPWIIFIVILGHTFSSHVIRYIYPS ENT DITASQMVLCMKLTAFAWSVYDGRLPSELSSYQKDRALRKIPNILYFLGYVFF FPSLLV GPAFDYVDYERFITLSMFKPLADPYEKQITPHSLEPALGRCWRGLLWLILFITGS SIYPL KFLLTPKFASSPILLKYGYVCITAFVARMKYYGAWELSDGACILSGIGYNGLDSS KHPRW DRVKNIDPIKFEFADNIKCALEAWNMNTNKWLRNYVYLRVAKKGKRPGFKSTL STFTVSA MWHGVSAGYYLTFVSAAFIQTVAKYTRRHVRPFFLKPDMPGPFKRVDVIG MVATNLS LSYLIISFLLLNLKESIHVWKELYFIVHIYILIALAVFNPIRSKLDNKIRSRVNSYKL K SYEQSMKSTSDTDMLNMSVPKREDFENDE
Source	in vitro E.coli expression system
Target Names	ale1
Protein Names	Recommended name: Lysophospholipid acyltransferase Short name= LPLAT EC= 2.3.1.23 EC= 2.3.1.51 Alternative name(s): 1-acyl-sn-glycerol-3-phosphate acyltransferase Short name= AGPAT Lysophosphatidic acid acyltransferase
Expression Region	1-509
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.