



Recombinant *Micromys minutus* Phosphatidylcholine-sterol acyltransferase (LCAT)

Product Code	CSB-EP012783MTV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35724
Product Type	Recombinant Protein
Immunogen Species	<i>Micromys minutus</i> (European harvest mouse)
Purity	>85% (SDS-PAGE)
Sequence	FFTIWLDINM FLPLGVDCWI DNTRVVYNRS SGRMSNAPGV QIRVPGFGKT YSVEYLDNDK LAGYLHTLVQ NLVNNAYVRD ETVRAAPYDW RLAPSQQDEY YQKLAELVEE MYDAYGKPVF LIGHRLGCLH VLHLLHQSW KGIPIMSNIK LKEEQRITTT SPWMFPAHHV WPEDHVFIST PNFNYTGQDF KRFFADLHFE EGWYMFLQSR DLLEGLPAPG VEVYCLYGVG RPTRYTYIYD HNFYKDPVA ILYEDGDETV ATRSTELCGQ WQGRQSQPVY LLPMNGTDHL NMVFSNKTL
Source	<i>E.coli</i>
Target Names	LCAT
Protein Names	Recommended name: Phosphatidylcholine-sterol acyltransferase EC= 2.3.1.43 Alternative name(s): Lecithin-cholesterol acyltransferase Phospholipid- cholesterol acyltransferase
Expression Region	1-299
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
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.