



Recombinant Arabidopsis thaliana GDSL esterase/lipase LTL1 (LTL1)

Product Code	CSB-EP863001DOA
Abbreviation	LTL1
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.	Q9M8Y5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	RAF FVFGDSLVDN GNNDYLVTTA RADNYPYGID YPTRRPTGRF SNGLNIPDII SEAIGMPSTL PYLSPHLTGE NLLVGFANFAS AGIGILNDTG IQFVNIIRIS KQMEYFEQYQ LRVSALIGPE ATQQLVNQAL VLITLGGNDF VNNYYLIPFS ARSRQYALPD YVVYLISEYG KILRKLYELG ARRVLVTGTG AMGCAPAELA QHSRNGECYG ALQTAALFN PQLVDLIASV NAEIGQDVFV AANAYQMNMD YLSNPEQFGF VTSKVACCGQ GPYNGIGLCT PVSNLCPNRD LYAFWDAFHP TEKANRIIVN QILTGSSKYM HPMNLSTAML LDSSKI
Source	E.coli
Target Names	LTL1
Protein Names	Recommended name: GDSL esterase/lipase LTL1 EC= 3.1.1.- Alternative name(s): Extracellular lipase LTL1 Lithium-tolerant lipase 1 Short name= AtLTL1 Short name= Li-tolerant lipase 1
Expression Region	28-366
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.