



# Recombinant Arabidopsis thaliana GDSL esterase/lipase LTL1 (LTL1)

<b>Product Code</b>	CSB-YP863001DOA
<b>Abbreviation</b>	LTL1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9M8Y5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	RAF FVFGDSLVDN GNNDYLVTTA RADNYPYGID YPTRRPTGRF SNGLNIPDII SEAIGMPSTL PYLSPHLTGE NLLVGANFAS AGIGILNDTG IQFVNIIRIS KQMEYFEQYQ LRVSAIGPE ATQQLVNQAL VLITLGGNDF VNNYYLIPFS ARSRQYALPD YVVYLISEYG KILRKLYELG ARRVLVTGTG AMGCAPAELA QHSRNGECYG ALQTAALFN PQLVDLIASV NAEIGQDVFV AANAYQMNMD YLSNPEQFGF VTSKVACCGQ GPYNGIGLCT PVSNLCPNRD LYAFWDAFHP TEKANRIIVN QILTGSSKYM HPMNLSTAML LDSSKI
<b>Source</b>	Yeast
<b>Target Names</b>	LTL1
<b>Protein Names</b>	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
<b>Expression Region</b>	28-366
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.