



Recombinant Arabidopsis thaliana GDSL esterase/lipase LIP-4 (LIP4)

Product Code	CSB-EP861894DOA-B
Abbreviation	LIP4
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.	Q9FXB6
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	ASCTARPV IFNFGDSNSD TGGLVAGLGY PIGFPNGRLF FRRSTGRLSD GRLIDFLCQ SLNTSLLRPY LDSLGRTRFQ NGANFAIAGS PTLPKNVFVS LNIQVKQFSH FKSRSELEAS SSNSLKGMFI SNGGFKNALY MIDIGQNDIA RSFARGNSYS QTVKLIPQII TEIKSSIKRL YDEGGRRFWI HNTGPLGCLP QKLSMVKSKD LDQHGCLVSY NSAATLFNQG LDHMCEELRT ELRDATIIYI DIYAIKYSLI ANSNQYGFKS PLMACCGYGG TPYNYNVKIT CGHKGSNVCE EGSRFISWDG IHYTETANAI VAMKVLSMHY SKPPTPFHFF CRR
Source	E.coli
Target Names	LIP4
Protein Names	Recommended name: GDSL esterase/lipase LIP-4 EC= 3.1.1.- Alternative name(s): Extracellular lipase LIP-4
Expression Region	33-373
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.