



# Recombinant Arabidopsis thaliana Phospholipase A1-IIgamma (DSEL)

<b>Product Code</b>	CSB-EP529871DOA
<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>	O49523
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MKRKKKEEEE EKLIVTREFA KRWRDLSGQN HWKGMLQPLD QDLREYIIHY GEMAQAGYDT FNINTESQFA GASIYSRKDF FAKVGLEIAH PYTKYKVTKF IYATSDIHVP ESLLFPISR EGWSKESNWM GYVAVTDDQG TALLGRRDIV VSWRGSVQPL EWVEDFEFGL VNAIKIFGER NDQVQIHQGW YSIYMSQDER SPFTKTNARD QVLREVGRL EKYKDEEVS TICGHS LGAA LATLSATDIV ANGYNRPKSR PDKSCPVTAF VFASPRVGDS DFRKLFSGLE DIRVLRTRNL PDVIPIYPPI GYSEVGDEFP IDTRKSPYMK SPGNLATFHC LEGYLHGVAG TQGTNKADLF RLDVERAIGL VNKSVDGLKD ECMVPGKWRV LKNKGMAQQD DGSWELVDHE IDDNE D LDF
<b>Source</b>	E.coli
<b>Target Names</b>	DSEL
<b>Protein Names</b>	Recommended name: Phospholipase A1-IIgamma EC= 3.1.1.- Alternative name(s): DAD1-like seedling establishment-related lipase Short name= AtDSEL Short name= Phospholipase DSEL
<b>Expression Region</b>	1-419
<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 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.