



# Recombinant Arabidopsis thaliana Serine carboxypeptidase-like 49 (SCPL49)

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| <b>Product Code</b>      | CSB-EP341361DOA-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | P32826                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen Species</b> | Arabidopsis thaliana (Mouse-ear cress)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Sequence</b>          | FPNILADG GPTVDDLGHG AGYYKLPKSR GASMFYFFFE SRNKKDAPVV<br>IWLTTGGPGCS SELAVFYENG PFKITSNMSL AWNEYGWDQV SNLLYVDQPV<br>GTGFSYTTDK SDIRHDETGV SNDLYDFLQA FFAEHPKLAK NDFYITGESY<br>AGHYIPAFAS RVHKGKNKANE GVHINLKGFA IGNGLTDPAL QYPAYPDYAL<br>EMGLITQKEH DRLEKIVPLC ELSIKLCGTD GTTSCCLASYL VCNSLFSGVM<br>SHAGGVNYYD IRKKCVGSLC YDFSNMEKFL NLQSVRKS LG VGDIDFVSCS<br>TSVYQAMLVD WMRNLEVGIPTLLEDGISLL VYAGEYDLIC NWLGNSRWVN<br>AMEWSGKTNF GAAKEVPFIV DGKEAGLLKT YEQLSFLKVR DAGHMVPMDQ<br>PKAALKMLKR WMENSLIEDA TVTVAAQGGGE ELVAQM |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Target Names</b>      | SCPL49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Protein Names</b>     | Recommended name: Serine carboxypeptidase-like 49 EC= 3.4.16.-                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Expression Region</b> | 83-516                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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.<br>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.                                                                                                                                                                                                                                        |