

## Arabidiol synthase (PEN1) Recombinant Protein | PEN1 recombinant protein

Recombinant Arabidopsis thaliana Arabidiol synthase (PEN1) , partial

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA116936</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

### PRODUCT SYNONYMS

Arabidiol synthase (PEN1); Recombinant Arabidopsis thaliana Arabidiol synthase (PEN1); partial; PEN1 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                    |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                           |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                    |
| Sequence Positions      | 415-766aa; partial                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                | SFGSQLWDTV MSLHFLLDGV EDDVDDEIRS TLVKGYDYLK KSQVTENPPS DHIKMFRHIS KGGWTFSDKD QGWPVSDCTA ESLKCCLLFE RMPSEFVGQK MDVEKLFDAV DFLLYLQSDN GGITAWEPAD GKTWLEWFSP VEFVQDTVIE HEYVECTGSA IVALTQFSKQ FPEFRKKEVE RFITNGVKYI EDLQMKDGSW CGNWGVCFIY GTLFAVRGLV AAGKTFHNCE PIRRAVRFLD DTQNQEGGWG ESYLSCLRKK YTPLAGNKTN IVSTGQALMV LIMGGQMERD PLPVRHRAKV VINLQLDNGD FPQQEVMGVF NMNVLLHYPT YRNIYSLWAL TLYTQALRRL QP |
| Species                 | Arabidopsis thaliana (Mouse-ear cress)                                                                                                                                                                                                                                                                                                                                                              |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                                                                                                 |

### NCBI AND UNIPROT INFORMATION

|                               |                                                                                                        |
|-------------------------------|--------------------------------------------------------------------------------------------------------|
| NCBI GI #                     | <a href="#">18414430</a>                                                                               |
| NCBI GeneID                   | <a href="#">827200</a>                                                                                 |
| NCBI Accession #              | <a href="#">NP_567462.1</a>                                                                            |
| NCBI GenBank Nucleotide #     | <a href="#">NM_117622.3</a>                                                                            |
| UniProt Accession #           | <a href="#">Q9FR95</a> ; <a href="#">O23388</a> ; <a href="#">Q08J21</a>                               |
| Molecular Weight              | 88,074 Da                                                                                              |
| NCBI Official Full Name       | pentacyclic triterpene synthase 1                                                                      |
| NCBI Official Symbol          | PEN1                                                                                                   |
| NCBI Official Synonym Symbols | 04C11; ATPEN1; DL3715C; FCAALL.158; PENTACYCLIC TRITERPENE SYNTHASE; pentacyclic triterpene synthase 1 |
| NCBI Protein Information      | pentacyclic triterpene synthase 1                                                                      |
| UniProt Protein Name          | Arabidiol synthase                                                                                     |
| UniProt Gene Name             | <b>PEN1</b>                                                                                            |
| UniProt Synonym Gene Names    | 04C11; AtPEN1                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pen1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116936>