



# Recombinant Arabidopsis thaliana Omega-hydroxypalmitate O-feruloyl transferase (HHT1)

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| <b>Product Code</b>      | CSB-EP853222DOA-B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Abbreviation</b>      | HHT1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <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>       | Q94CD1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen Species</b> | Arabidopsis thaliana (Mouse-ear cress)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>          | MVAENNKNKD VTLASMDNN NNNIKGTNIH LEVHQKEPAL VKPESETRKG<br>LYFLSNLDQN IAVIVRTIYC FKSEERGNEE AVQVIKKALS QVLVHYYPLA<br>GRLTISPEGK LTVDCTEEGV VFVEAEANCK MDEIGDITKP DPETLGKLVY<br>DVVDAKNILE IPPVTAQVTK FKCGGFVLGL CMNHCMFDGI GAMEFVNSWG<br>QVARGPLTT PPFSDRTILN ARNPPKIENL HQEFEEIEDK SNINSLYTKE<br>PTLYRSFCFD PEKIKKLLQ ATENSESLLG NSCTSFEALS AFVWRARTKS<br>LKMLSDQKTK LLFAVDGRAK FEPQLPKGYP GNGIVLTNSI CEAGELIEKP<br>LSFAVGLVRE AIKMVTDGYM RSAIDYFEVT RARPSLSSTL LITWSRLGF<br>HTTDFGWGEP ILSGPVALPE KEVTFLSHG EQRRSINVLL GLPATAMDVF<br>QEQLQI |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Target Names</b>      | HHT1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Names</b>     | Recommended name: Omega-hydroxypalmitate O-feruloyl transferase EC=2.3.1.188 Alternative name(s): Omega-hydroxyacid hydroxycinnamoyltransferase Protein ALIPHATIC SUBERIN FERULOYL TRANSFERASE                                                                                                                                                                                                                                                                                                                                              |
| <b>Expression Region</b> | 1-457                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <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.                                                                                                                                 |



## 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.