

# Recombinant Full Length Dictyostelium Discoideum Putative Zdhhc-Type Palmitoyltransferase 5(Ddb\_G0275097) Protein, His-Tagged

**Cat. No.** RFL5768DF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Overview</b> | Recombinant Full Length Dictyostelium discoideum Putative ZDHHC-type palmitoyltransferase 5(DDB_G0275097) Protein (Q554E7) (1-751aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Dictyostelium Discoideum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Full Length (1-751)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MIPTQTTPRQQMMNHNHQPQQIQQPQQIQPHQPQQQPHQFRPLDENAEIPFLQIV<br>TPNQ MIKLPPMFQEYKQLLNRRWSNQCICKSGLLYTQAVPYNQVLVLEIAKNGDIQ<br>EYRDFIQ VIIESNQNKDGDENEESIQQQQQQQQQLTKSIINLIDLEGNTSIHYAIMRKN<br>KAMVSYLI DCGANLDIQNLEEGHTPLHWACIKADSSFVLQLVENGADIHLTDKRGYN<br>ALLHAAQYNEV NSVRYLIEKGLDPVQCKDIQLHTAVHWTSFQGHANMARYFISLGV<br>DPNAQDIQGRTAFW GCIKGHKQVVSMLCSFEGQDSIDKTIRDNDGKTAYQLAESK<br>EHYEIIDYLDTKLKDDKLF GGENERLYHRFWTVMGVLTVLVPTWILCYVPVIFGLPLLA<br>VGGYFLKNYLHLNYWVPERNN WLLPSILYSSVSIWYLIYLLRIAPLVMAINIFPNLIINA<br>TSWYFFYFFIRLTKEPGTIS KHISKEKSNENFMNALSSGRQIPLICPTCLINRPIRSK<br>HCPCKGCFARFDHHCWINKC IGINNQALFITVLFVSYVILVISGFIVTWDFKSDSNA |

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PILSESYIQSFLFYTNYPFILL FSIYGIGMAIWIGKLAISQVLTILFNKTTYEQIQQIREF  
 ESRQGHGSHSHGGDQQCNHSHG SGGGDHGHSHGGSSGSGSGSGSGDGHGSHG  
 GQPSLPSSSGGSKKDSKSFHNQQTNFDMY HRGVVNNVKEFLFDSQKFYFQTENI  
 YADSRV

**Purity** Greater than 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**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.

## GENE INFORMATION

**Gene Name** DDB\_G0275097

**Synonyms** DDB\_G0275097; Putative ZDHHC-type palmitoyltransferase 5; Zinc finger DHHC domain-containing protein 5

**UniProt ID** [Q554E7](https://www.uniprot.org/entry/Q554E7)

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