

# Recombinant Full Length *Gibberella Zeae* Palmitoyltransferase Pfa5(Pfa5) Protein, His-Tagged

**Cat. No.** RFL25301GF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length <i>Gibberella zeae</i> Palmitoyltransferase PFA5(PFA5) Protein (Q4I1J3) (1-507aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | <i>Gibberella zeae</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>    | Full Length (1-507)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MTVDVLVARSELDLASNTSDTTINATVVKDETIITRPPPTLTRSWSLPNASTRRTDN<br>PA PPVLTRASSLPVKLVEPATDIDSDSSSVWTWAWSDMQGPATSKRCGTRWIAR<br>LLPFFML MLVGYATYDVVVYCCVEYFIQEIRKTATAIVLIVFYTIFFILMVAAAYIRCYVTI<br>QFNTGF VPWTAAREAAESERNERSTNGGDVESLQWSPADTNPDSPGLEAFYSKD<br>VFICESDGLPKW CSECRSWKPDRAHHSSEYGRVCVKMDHVCPWMGGIISSETSFNF<br>FIQFTFYCACYCVLIVS TNAYVVTLLRNAGQSVEGRVVVGLALGSLFGLFSIAMTVTA<br>LRFVFQNITNVDLFRKNQT FRLAVRVPTGTRSTDQFTTITYPLSPPGDDSRAPGTAH<br>SNGVDQSDGAGSIATNRMAARD QRAKRTFAILQTQSGENPWHVGYRNNFKSVMG<br>ETIFEWFLPLRHSPCTRHDSMVSDYEFGLVEELKRRYGLAEEDAEGKANETTSS |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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**

PFA5

**Synonyms**

PFA5; FGRAMPH1\_01T11169; FGRRES\_16945\_M; FGSG\_08915;  
Palmitoyltransferase PFA5; Protein fatty acyltransferase 5

**UniProt ID**

[Q4I1J3](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA