

# Recombinant Full Length Oryza Sativa Subsp. Indica Probable Protein-S-Isoprenylcysteine O-Methyltransferase(Icmt) Protein, His-Tagged

**Cat. No.** RFL13849OF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Oryza sativa subsp. indica Probable protein-S-isoprenylcysteine O-methyltransferase(ICMT) Protein (A2XX73) (1-191aa), fused to N-terminal His tag, was expressed in E. coli.         |
| <b>Species</b>          | Rice                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Full Length (1-191)                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MAARAQAWLFAAALVIFHGSEYVLAAAFHGRRNVTATSLISKQYVLAMSFAMLEHL<br>TEA LLFPELKEYWVFSYVGLVMVIIGEVIRKLAVVTAGRSFTHVIRIHVEDQHKLITHG<br>VYRL MRHPGYSGFLIWAVGTQVMLCNPLSTVAFTLVLRFFSKRIPYEEFFLRQFF<br>GREYEEYA QKVHSGLPFIE |
| <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 for up to one week.                                                                                                          |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                            |

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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**

ICMT

**Synonyms**

ICMT; B0403H10-OSIGBa0105A11.23; Osl\_016666; Probable protein-S-isoprenylcysteine O-methyltransferase; Isoprenylcysteine carboxymethyltransferase; Prenylated protein carboxyl methyltransferase; Prenylcysteine carboxyl methyltransferase

**UniProt ID**

[A2XX73](#)

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