

# Recombinant *Tropaeolum majus* O-acyltransferase Full Length Transmembrane protein, His-tagged

**Cat. No.** O-acyltransferase-02T    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Tropaeolum majus</i> O-acyltransferase protein(Q8RX96)(1-518aa), fused with N-terminal His tag, was expressed in in vitro <i>E. coli</i> expression system.                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | <i>Tropaeolum majus</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | <i>E. coli</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-518aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 60.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MAVAESSQNTTTMSGHGDSDLNNFRRRKPSSSVIEPSSSGFTSTNGVPATGHVAE<br>NRDQDRVGAMENATGSVNLIGNGGGVVIGNEEKQVGETDIRFTYRPSFPAHRRVRE<br>SPLSSDAIFKQSHAGLFNLCIVVLIAVNSRLIENLMKYGWLIDTGFWFSSRSLGDWSI<br>FMCCLTLPIFPLAAFIVEKLVQRNHISELVAVLLHVIVSTAAVLYPVIVILTCDSVYMSGV<br>VLMLFGCIMWLKLVSYAHTSSDIRTLAKSGYKGAHPNSTIVSCSYDVSLKSLAYFM<br>VAPTLCYQPSYPRSSCIRKGVVVRQFVKLIVFIGLMGFIIEQYINPIVRNSKHPLKGDF<br>LYAIERVLKLSVPNLYVWLKMFYSFFHLWLNILAEELLRFGDREFYKDWVNAKTVAEY<br>WKMWNPVHRWMVRHLYFPCLRNIGIPKEGAIIFLVSGAFHELCAVPCHVFKLWA |

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FIGIMFQVPLVLITNYLQEKFSNSMVGNMIFWFIFCILGQPMCVELLYYHDLINLKEK

**Purity**

Greater than 90% as determined by SDS-PAGE.

**Storage**

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

**Reconstitution**

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.

**SDS-PAGE**