

Recombinant *Tropaeolum majus* O-acyltransferase (S197A) Protein, N-10×His tagged

Cat. No. O-acyltransferase-08T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Tropaeolum majus</i> O-acyltransferase (S197A) Protein with N-10×His tag was expressed in <i>E. coli</i> .
Species	<i>Tropaeolum majus</i>
Source	<i>E. coli</i>
Molecular Mass	The protein has a calculated MW of 60.3 kDa. Observed band size: 60&120 kDa Monomer: 60 kDa Dimer: 120 kDa It is speculated that the protein forms a dimeric structure.
AA Sequence	MAVAESSQNTTTMSGHGDSDLNNFRRRKPSSSVIEPSSSGFTSTNGVPATGHVAE NRDQDRVGAMENATGSVNLIGNGGGVVIGNEEKQVGETDIRFTYRPSFPAHRRVRE SPLSSDAIFKQSHAGLFNLCIVVLIANSLRIENLMKYGWLIDTGFWFSSRSLGDWSI FMCCLTLPFPLAAFIVEKLVQRNHIAELVAVLLHVIVSTAAVLYPVIVILTCDSVYMSGV VLMLFGCIMWLKLVSYAHTSSDIRTLAKSGYKGDHPNSTIVSCSYDVSLKSLAYFM VAPTLCYQPSYPRSSCIRKGWVVRQFVKLIVFIGLMGFIIEQYINPIVRNSKHPLKGDF LYAIERVLKLSVPNLYVWLFCMFYSFFHLWLNILAELLRFGDREFYKDWVNAKTVAEY WKMWNMPVHRWMVRHLYFPCLRNGIPKEGAIIFLVSGAFHELICIAVPCHVFKLWA FIGIMFQVPLVLITNYLQEKFSNSMVGNMIFWFIFCILGQPMCVLLYYHDLINLKEK
Purity	≥85% by SDS-PAGE

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Applications

MAVAESSQNTTTMSGHGDSDLNNFRRRKPSSSVIEPSSSGFTSTNGVPATGHVAE
 NRDQDRVGAMENATGSVNLIGNGGGVVIGNEEKQVGETDIRFTYRPSFPAHRRVRE
 SPLSSDAIFKQSHAGLFNLCIVVLIAVNSRLIENLMKYGWLIDTGFWFSSRSLGDWSI
 FMCCLTLPIFPLAAAFIVEKLVQRNHIAELVAVLLHVIVSTAALVYPVIVILTCDSVYMSGV
 VLMLFGCIMWLKLVSYAHTSSDIRTLAKSGYKGAHPNSTIVSCSYDVSLKSLAYFM
 VAPTLCYQPSYPRSSCIRKGWVVRQFVKLIVFIGLMGFIEQYINPIVRNSKHPLKGDF
 LYAIERVLKLSVPNLYVWLCMFYSSFFHLWLNILAEELLRFGDREFYKDWWNAKTVAEY
 WKMWNNMPVHRWMVRHLYFPCLRNGIPKEGAIIFLVSGAFHELCAVPCHVFKLWA
 FIGIMFQVPLVLITNYLQEKFSNSMVGNMIFWFIFCILGQPMCVLLYYHDLINLKEK

Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Lyophilized from PBS, 0.05% Brij-78, 6% Trehalose, pH 7.4
 The volume before lyophilization is 100µl/vial.

Reconstitution

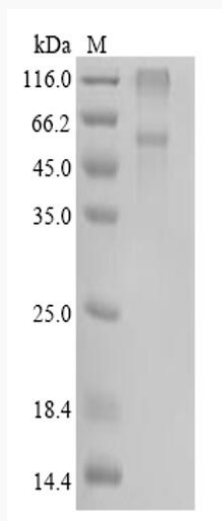
We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20/-80 centigrade. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION
Official Symbol

O-acyltransferase

Synonyms

O-acyltransferase; OATs

SDS-PAGE

Reducing 15% SDS-PAGE of purified protein

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