Recombinant Tropaeolum majus O-acyltransferase Protein, N-10×His tagged

Cat. No. O-acyltransferase-09T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Tropaeolum majus O-acyltransferase Protein with N-10×His tag was expressed in E. coli.
Species	Tropaeolum majus
Source	E.coli
Molecular Mass	The protein has a calculated MW of 57.3 kDa. Observed band size: 57&114 kDa Monomer: 57 kDa Dimer: 114 kDa It is speculated that the protein forms a dimeric structure.
AA Sequence	MAPPPSMPAASDRAGPGRDAGDSSSLRLRRAPSADAGDLAGDSSGGLRENGEPQ SPTNPPPQEQQQHEMLYYRASAPAHRRVKESPLSSDAIFKQSHAGLFNLCIVVLIAV NSRLIIENLMKYGWLIDTGFWFSSRSLGDWSIFMCCLTLPIFPLAAFIVEKLVQRNHIA ELVAVLLHVIVSTAAVLYPVIVILTCDSVYMSGVVLMLFGCIMWLKLVSYAHTSSDIRT LAKSGYKGDAHPNSTIVSCSYDVSLKSLAYFMVAPTLCYQPSYPRSSCIRKGWVVR QFVKLIVFIGLMGFIIEQYINPIVRNSKHPLKGDFLYAIERVLKLSVPNLYVWLCMFYSF FHLWLNILAELLRFGDREFYKDWWNAKTVAEYWKMWNMPVHRWMVRHLYFPCLR NGIPKEGAIIIAFLVSGAFHELCIAVPCHVFKLWAFIGIMFQVPLVLITNYLQEKFSNSM VGNMIFWFIFCILGQPMCVLLYYHDLINLKEK
Purity	≥85% by SDS-PAGE

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Applications	MAPPPSMPAASDRAGPGRDAGDSSSLRLRRAPSADAGDLAGDSSGGLRENGEPQ SPTNPPPQEQQQHEMLYYRASAPAHRRVKESPLSSDAIFKQSHAGLFNLCIVVLIAV NSRLIIENLMKYGWLIDTGFWFSSRSLGDWSIFMCCLTLPIFPLAAFIVEKLVQRNHIA ELVAVLLHVIVSTAAVLYPVIVILTCDSVYMSGVVLMLFGCIMWLKLVSYAHTSSDIRT LAKSGYKGDAHPNSTIVSCSYDVSLKSLAYFMVAPTLCYQPSYPRSSCIRKGWVVR QFVKLIVFIGLMGFIIEQYINPIVRNSKHPLKGDFLYAIERVLKLSVPNLYVWLCMFYSF FHLWLNILAELLRFGDREFYKDWWNAKTVAEYWKMWNMPVHRWMVRHLYFPCLR NGIPKEGAIIIAFLVSGAFHELCIAVPCHVFKLWAFIGIMFQVPLVLITNYLQEKFSNSM VGNMIFWFIFCILGQPMCVLLYYHDLINLKEK
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

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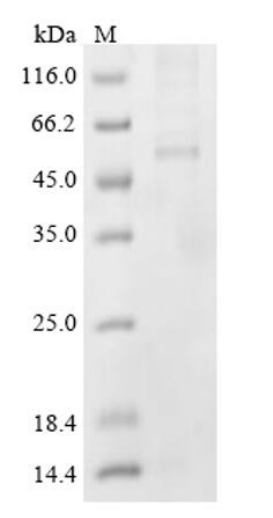
SDS-PAGE	 Reducing 15% SDS-PAGE of purified protein

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