

Recombinant Full Length *Xenopus tropicalis* Diacylglycerol O-Acyltransferase 2(Dgat2) Protein, His-Tagged

Cat. No. RFL11813XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Diacylglycerol O-acyltransferase 2(dgat2) Protein (Q6P342) (1-361aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-361)
Form	Lyophilized powder
AA Sequence	MKTIIAAYSGVLRGTGSSLLSAVHDLPNIPWLSKSSVVRHLQIISVLQWVLSFLILGVA C TAVLVYIFCTDLWLIAALYLTWMVLDWNTPYKGGRRSSWVRNWAVWRYFRDYFP IKLVKT HNLLPSRNYIFGYHPHGIMCLGAFCNFGTEATGVSKKFPGIKCHLATLAGNF RMPVLREY LMSGGICPVARDTIDYILSKNGTGNVAVVAVGGAAESLNCRPGKNTVTL KQRKGFVKVAL QHGADLVPVYSFGENEAYKQVVFEEGSWGRWIQKKFQKYVGFA PCLFHGCSFFSSNSWGL VPYANPITTVGEPITVPKIEQPTQKDVELYHAMYVTSLQ RLFDKYKTKLGLHDSEMLEI V
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
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Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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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.
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GENE INFORMATION

Gene Name	dgat2
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Synonyms	dgat2; TEgg014n15.1; Diacylglycerol O-acyltransferase 2; Acyl-CoA retinol O-fatty-acyltransferase; ARAT; Retinol O-fatty-acyltransferase; Diglyceride acyltransferase 2
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UniProt ID	Q6P342
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