

Recombinant Full Length *Xenopus laevis* 2-Acylglycerol O-Acyltransferase 2-A(Mogat2-A) Protein, His-Tagged

Cat. No. RFL26492XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus laevis</i> 2-acylglycerol O-acyltransferase 2-A(mogat2-a) Protein (Q2KHS5) (1-335aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus laevis</i>
Source	<i>E. coli</i>
Protein Length	Full Length (1-335)
Form	Lyophilized powder
AA Sequence	MKIQFAPHNVPFERRLQTA AVLQWVFSFLALAQTCILLFFVLLFTRFWIISVYGVWW FL DWDTPSKGGRRGEWLR RHVIW TYMKDYFPITLVKTADLDPQQNYVVGSHPHGV LVAGAF T NFCTEATGFHRLFPGITPYLLMLPLWFRAPFFRDYIMSGGLIPSDKDSAS YLLKNKAGGN AVVIAVGGAPESLDARPGAFTLLIKNRKGFVRLAILHGASLVPVFSFG ENELFDQVDNPR GSWLRKIQEKLQKMMGVALPLFHARGVFQYSFGLIPYRKPIATIV GKPIRVEENPNPSSE EVDKLHKIYMEELSKLFEEHKTKYNVPADKHLTFV
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.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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	mogat2-a
Synonyms	mogat2-a; 2-acylglycerol O-acyltransferase 2-A; Acyl-CoA:monoacylglycerol acyltransferase 2-A; MGAT2-A; Monoacylglycerol O-acyltransferase 2-A
UniProt ID	Q2KHS5

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