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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MOGAT2 (Human) Recombinant Protein (P01)

Catalog Number: H00080168-P01

Regulation Status: For research use only (RUO)

Product Description: Human MOGAT2 full-length ORF (AAI03879.1, 1 a.a. - 284 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MVEFAPLFMPWERRLQTLAVLQFVFSFLALAEICTVGF
IALLFTRFWLLTVLYAAWWYLDRDKPRQGGRHIQAIRC
WTIWKYMKDYPISLVKTAELDPSRNYIAGFHPHGVL
VGAFANLCTESTGFSSIFPGIRPHLMMLTLWFRAPFFR
DYIMSAGLVTSKESAAHILNRKGGNLLGIIVGGAQE
ALDARPGSFTLLLRNRKGFVRLALTHGYQASGKSTLG
SVGNWQGFYFGGKMAETNADSILVEIFSPFTIKIIFWCL
MPKYLEKFPQRRLSDLRN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 58.7

Interspecies Antigen Sequence: Mouse (81); Rat (80)

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 80168

Gene Symbol: MOGAT2

Gene Alias: DGAT2L5, FLJ22644, MGAT2, MGC119183, MGC119184, MGC119185

Gene Summary: Dietary fat absorption from the small intestine is facilitated by acyl-CoA:monoacylglycerol transferase (MOGAT; EC 2.3.1.22) and acyl-CoA:diacylglycerol acyltransferase (DGAT; see MIM 604900) activities. MOGAT catalyzes the joining of monoacylglycerol and fatty acyl-CoAs to form diacylglycerol (Yen and Farese, 2003 [PubMed 12621063]).[supplied by OMIM]