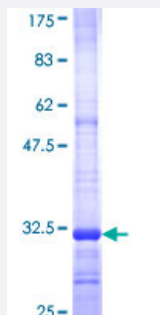


MOGAT3 (Human) Recombinant Protein (Q01)

Catalog # H00346606-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MOGAT3 partial ORF (NP_835470, 59 a.a. - 107 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	YLVWLYVDWDTNPQGRRSEWIRNRAWRQLRDYYPVKLVKTAELPPDR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.13
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MOGAT3

Entrez GeneID [346606](#)

GeneBank Accession# [NM_178176](#)

Protein Accession# [NP_835470](#)

Gene Name MOGAT3

Gene Alias DC7, DGAT2L7, MGAT3, MGC119203, MGC119204

Gene Description monoacylglycerol O-acyltransferase 3

Omim ID [610184](#)

Gene Ontology [Hyperlink](#)

Gene Summary Acyl-CoA:monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA (Cheng et al., 2003 [PubMed 12618427]).[supplied by OMIM]

Other Designations acyl coenzyme A:monoacylglycerol acyltransferase 3