



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MGAT3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004248-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human MGAT3 full-length ORF (AAH75025.1, 1 a.a. - 533 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKMRRYKFLMFCMAGLCLISFLHFFKTLSTYVTFPREL  
ASLSPNLVSSFFWNNAPVTPQASPEPGPDLLRTPLY  
SHSPLLQPLPPSKAAEELHRVDLVLPEDTTEYFVRTKA  
GGVCFKPGTKMLERPPPGRPEEKPEGANGSSARRPP  
RYLLSARERTGGRGARRKWVECCLPGWHGPSCGV  
PTVVQYSNLPTKERLVPREVP RRVINAINVNHEFDLLD  
VRFHELGDVVDADFVVCESNFTAYGEP RPLKFREMLTN  
GTFEYIRHKVLYVFLDHFPPGGRQDGIADYLRFTLT  
QDGVSRRLNLRPDDVFIIDDAEIPARDGVLFLKLYDG  
WTEPFAFHMRKSLYGFFWKQPGTLEVVSGCTVDMQLQ  
AVYGLDGIRLRRRQYYTMPNFRQYENRTGHILVQWSL  
GSPLHFAGWHCSWCFTPEGIYFKLVSAQNGDFPRWG  
DYEDKRDLYIRGLIRTGGWFDGTQQEYPPADPSEHM  
YAPKYLLKNYDRFHYLDDNPYQEPRSTAAGGWRHRG  
PEGRPPARGKLDEAEV

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 87.7

**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:** 4248

**Gene Symbol:** MGAT3

**Gene Alias:** FLJ43371, GNT-III, GNT3, MGC141943, MGC142278

**Gene Summary:** There are believed to be over 100 different glycosyltransferases involved in the synthesis of protein-bound and lipid-bound oligosaccharides. The enzyme encoded by this gene transfers a GlcNAc residue to the beta-linked mannose of the trimannosyl core of N-linked oligosaccharides and produces a bisecting GlcNAc. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]