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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MGAT2 (Human) Recombinant Protein (P01)

Catalog Number: H00004247-P01

Regulation Status: For research use only (RUO)

Product Description: Human MGAT2 full-length ORF (AAH06390, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MRFRYKRVKLVILTLVVAACGFVLWSSNGRQRKNEALA
PLLDAEPARGAGGRGGDHPVAVGIRRVSNVSAASL
VPAVPQPEADNLTLYRSLVYQLNFDQTLRNVDKAGT
WAPRELVLVQVHNRPEYLRLLLDLSLRKAQGIDNVLVI
FSHDFWSTEINQLIAGVNFVCPVLQVFFPFSIQLYPNEFP
GSDPRDCPRDLPKNAALKLGCINAEYPDSFGHYREAK
FSQTKHHWWWKLHFVWERVKILRDYAGLILFLEEDHY
LAPDFYHVFKKMWKLKQCEPCDVLSLGTYSASRSF
YGMADKVDVKTWKSTEHNMGALTRNAYQKLIECTDT
FCTYDDYNWDWTLQYLTVSCLPKFWKVLVPQIPRIFH
AGDCGMHHKKTCPSTQSAQIESLLNNNKQYMPETL
TISEKFTVVAISPPRKNGGWGDIRDHELCKSYRRLQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.91

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: 4247

Gene Symbol: MGAT2

Gene Alias: CDGS2, GLCNACTII, GNT-II, GNT2

Gene Summary: The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in this gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. The coding region of this gene is intronless. Transcript variants with a spliced 5' UTR may exist, but their biological validity has not been determined. [provided by RefSeq]