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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ALG3 (Human) Recombinant Protein (P01)

Catalog Number: H00010195-P01

Regulation Status: For research use only (RUO)

Product Description: Human ALG3 full-length ORF (NP_005778.1, 1 a.a. - 438 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAGLRKRGRSGSAAQAEG LCKQWLQRAWQERRLL
LREPRYTLLVAACLCLAEV GITFWVIHRVAYTEIDWKAY
MAEVEGVINGTYDY TQLQGDTGPLVYPAGFVYIFMGL
YYATSRGTDIRMAQNIFAVLYLATLLL VFLIYHQ TCKVP
PFVFFMCCASYRVHSIFV LRLFNDPVAMVLLF LLSINLL
LAQRWGWGCCFFSLAVSVK MNVLLFAPGLL FLLLTQF
GFRGALPKLGICAGLQVVLGLPFLLENPSGYLSRSFDL
GRQFLFHWTVNWRFLPEALFLHRAFHLALLTAHL TLLL
LFALCRWHRTGESILSLLRDP SKRKVPPQPLTPNQIVS
TLFTSNFIGICFSRSLHYQFYVWYFH TLPYLLWAMPAR
WLTHLLRLLVGLIELSWNTYPSTSCSSAALHICHAVILL
QLWLGPPFPKSTQHSKKAH

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 76.5

Interspecies Antigen Sequence: Mouse (88); Rat (87)

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: 10195

Gene Symbol: ALG3

Gene Alias: CDGS4, D16Erd36e, NOT56L, Not56

Gene Summary: This gene encodes a member of the ALG3 family. The encoded protein catalyses the addition of the first dol-P-Man derived mannose in an alpha 1,3 linkage to Man5GlcNAc2-PP-Dol. Defects in this gene have been associated with congenital disorder of glycosylation type 1d (CDG-1d) characterized by abnormal N-glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]