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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ALG5 (Human) Recombinant Protein (P01)

Catalog Number: H00029880-P01

Regulation Status: For research use only (RUO)

Product Description: Human ALG5 full-length ORF (AAH12531, 1 a.a. - 324 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAPLLLQLAVLGAALAAAALVLISIVAFTTATKMPALHR
HEEEKFFLNAGQKQKETLPSIWDSPTKQLSVVPSYNE
EKRLPVMMDALSYLEKRQKRDPAFTYEIVVDDGSK
DQTSKVAFKYCQKYGSDKVRVITLVKNRGKGGAIRMG
IFSSRGEKILMADADGATKFPDVEKLEKGLNDLQWP
NQMAIACGSRAHLEKESIAQRSYFRTLLMYGFHFLVW
FLCVKGIRDTCQCGFKLFTREAAASRTFSSLHVERWAFD
VELLYIAQFFKIPIAIEAVNWTEIEGSKLVPFWSWLQMG
KDLLFIRLRYLTGAWRLEQTRKMN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 61.38

Interspecies Antigen Sequence: Mouse (91); Rat (92)

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: 29880

Gene Symbol: ALG5

Gene Alias: RP11-421P11.2, bA421P11.2

Gene Summary: This gene encodes a member of the glycosyltransferase 2 family. The encoded protein participates in glucosylation of the oligomannose core in N-linked glycosylation of proteins. The addition of glucose residues to the oligomannose core is necessary to ensure substrate recognition, and therefore, effectual transfer of the oligomannose core to the nascent glycoproteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]