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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

B3GNT3 (Human) Recombinant Protein (P01)

Catalog Number: H00010331-P01

Regulation Status: For research use only (RUO)

Product Description: Human B3GNT3 full-length ORF (AAH67423.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKYLRHRRPNATLILAIGAFTLLLFSLLVSPPTCKVQEQ
PPAIPALAWPTPPTRPAPAPCHANTSMVTHPDFATQ
PQHVNQFLLYRHRHFLLQDVPPSKCAQPVFLLLVIK
SSPSNYVRRELLRRTWGRERKVRGLQLRLLFLVGTAS
NPHEARKVNRLLLEAQTHGDILQWDFHDSFFNLT
KQVLFQWQETRCANASFVINGDDVFAHTDNMVFYL
QDHDPRHFLVFGQLIQNVGPIRAFWSKYVPEVVTQN
ERYPPYCGGGFLLSRFTAAALRRAHVLDIFPIDDF
LGMCLELEGLKPASHGIRTSGVRAPSQHLSSFDPCF
YRDLLVHRFLPYEMLLMRDALNQPNLTGNGTQIY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.9

Interspecies Antigen Sequence: Mouse (67); Rat (66)

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: 10331

Gene Symbol: B3GNT3

Gene Alias: B3GAL-T8, B3GN-T3, B3GNT-3, HP10328, TMEM3, beta3Gn-T3

Gene Summary: This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis x. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. [provided by RefSeq]