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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

FUT3 (Human) Recombinant Protein (P01)

Catalog Number: H00002525-P01

Regulation Status: For research use only (RUO)

Product Description: Human FUT3 full-length ORF (NP_000140.1, 1 a.a. - 361 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MDPLGAAKPQWPWRRCLAALLFQLLVAVCFFSYLRVS
RDDATGSPRAPSGSSRQDTTPTRPTLLILLWTWPFHIP
VALSRCSEMVPGTADCHITADRKVYPQADTVIVHHWDI
MSNPKSRLPPSPRPQGQRWIWFNLEPPPNCQHLEAL
DRYFNLTMSYRSDSDIFTPYGWLEPWGQPAHPPNL
SAKTELVAWAVSNWKPDSARVRYQSLQAHLKVDVY
GRSHKPLPKGTMMETLSRYKFYLAFENSLHPDYITEKL
WRNALEAWAVPVVLGSPRSNYERFLPPDAFIHVDDFQ
SPKDLARYLQELDKDHARYLSYFRWRETLRPRSFSWA
LDFCKACWKLQQESRYQTVRSIAAWFT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 68.5

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: 2525

Gene Symbol: FUT3

Gene Alias: CD174, FT3B, FucT-III, LE, Les, MGC131739

Gene Summary: The Lewis histo-blood group system comprises a set of fucosylated glycosphingolipids that are synthesized by exocrine epithelial cells and circulate in body fluids. The glycosphingolipids function in embryogenesis, tissue differentiation, tumor metastasis, inflammation, and bacterial adhesion. They are secondarily absorbed to red blood cells giving rise to their Lewis phenotype. This gene is a member of the fucosyltransferase family, which catalyzes the addition of fucose to precursor polysaccharides in the last step of Lewis antigen biosynthesis. It encodes an enzyme with alpha(1,3)-fucosyltransferase and alpha(1,4)-fucosyltransferase activities. Mutations in this gene are responsible for the majority of Lewis antigen-negative phenotypes. Multiple alternatively spliced variants, encoding the same protein, have been found for this gene. [provided by RefSeq]