

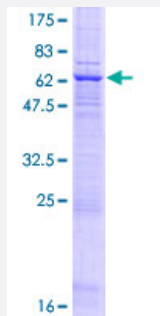
Full-Length

FUT6 (Human) Recombinant Protein (P01)

Catalog # H00002528-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FUT6 full-length ORF (AAH61700.1, 1 a.a. - 359 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPLGPAKPQWSWRCCLTLLFHLLMAVCFFSYLRVSQDDPTVYPNGSRFPDSTGTPAHSIPLIL
LWTWPFNKPIALPRCEMVPGTADCNITADRKVYPQADAVVHHREVMYNPSAQLPRSSRRQGQ
RWWFSMESPSHCWQLKAMDGYFNL TMSYRSDSDIFTPYGWLEPWGQPAHPPLNLSAKTEL
AWAVSNWGPNSARVRYQSLQAHKVDVYGRSHKPLPQGTMMETLSRYKFYLAFKNSLHPDYIT
EKLWRNALEAWAVPVVLGPSRSNYERFLPPDAFIHVDDFQSPKDLARYLQELDKDHARYLSYFR
WRETLRPRSFSWALAFCKACWKLQEESRYQTRGIAAWFT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FUT6

Entrez GeneID [2528](#)

GeneBank Accession# [BC061700.1](#)

Protein Accession# [AAH61700.1](#)

Gene Name FUT6

Gene Alias FCT3A, FLJ40754, FT1A, FucT-VI

Gene Description fucosyltransferase 6 (alpha (1,3) fucosyltransferase)

Omim ID [136836](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of sialyl-Lewis X, an E-selectin ligand. Mutations in this gene are a cause of fucosyltransferase-6 deficiency. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations alpha-(1,3)-fucosyltransferase|fucosyltransferase 6|galactoside 3-L-fucosyltransferase

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)