

## Recombinant Human LFNG Protein (1-250 aa), GST-tagged

Cat. No. LFNG-2140H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human LFNG Protein (1-250 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Neuroscience. Protein Description: Full Length of Isoform 2.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-250 aa
<b>Description</b>	Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. Decreases the binding of JAGGED1 to NOTCH2 but not that of DELTA1. Essential mediator of somite segmentation and patterning.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	55.2 kDa
<b>AA Sequence</b>	MTPGRCCCLAADIQVETFIFTDGEDEALARHTGNVVITNCSAAHSRQALSCKMAVEYD RFIESGRKWFCHVDDDDNYVNLRALLRLLASYPHTRDVYVGKPSLDRPIQAMERVSE NKVRPVHFWFATGGAGFCISRGLALKMSPWASGGHFMNTAERIRLPDDCTIGYIVE ALLGVPLIRSGLFHSHLENLQQVPTSELHEQVTLISYGMFENKRNAVHVKGPFVSVEAD PSRFRSIHCHLYPDTPWCPRTAIF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

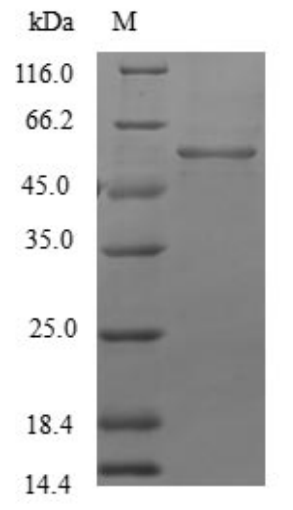
## GENE INFORMATION

<b>Gene Name</b>	LFNG LFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase [ Homo sapiens ]
<b>Official Symbol</b>	LFNG
<b>Synonyms</b>	LFNG; beta-1,3-N-acetylglucosaminyltransferase lunatic fringe; SCDO3;
<b>Gene ID</b>	3955
<b>mRNA Refseq</b>	NM_001040167
<b>Protein Refseq</b>	NP_001035257
<b>MIM</b>	602576
<b>UniProt ID</b>	Q8NES3


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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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