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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-250 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	55.2 kDa
AA Sequence	MTPGRCCLAADIQVETFIFTDGEDEALARHTGNVVITNCSAAHSRQALSCKMAVEYD RFIESGRKWFCHVDDDNYVNLRALLRLLASYPHTRDVYVGKPSLDRPIQAMERVSE NKVRPVHFWFATGGAGFCISRGLALKMSPWASGGHFMNTAERIRLPDDCTIGYIVE ALLGVPLIRSGLFHSHLENLQQVPTSELHEQVTLSYGMFENKRNAVHVKGPFSVEAD PSRFRSIHCHLYPDTPWCPRTAIF

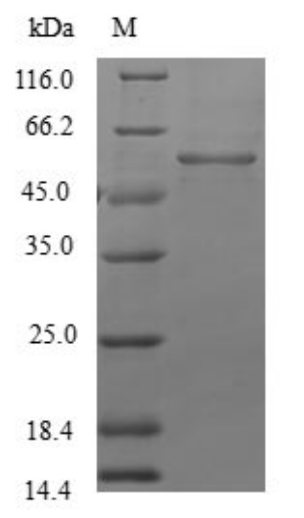
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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

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

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