

Product datasheet for **RC224631L3V**

RFNG (NM_002917) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RFNG (NM_002917) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RFNG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002917
ORF Size:	993 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224631).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002917.1
RefSeq Size:	1828 bp
RefSeq ORF:	996 bp
Locus ID:	5986
UniProt ID:	Q9Y644
Cytogenetics:	17q25.3
Protein Families:	Transmembrane
Protein Pathways:	Notch signaling pathway
MW:	36.9 kDa



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Gene Summary:

Glycosyltransferase that initiates the elongation of O-linked fucose residues attached to EGF-like repeats in the extracellular domain of Notch molecules. Modulates NOTCH1 activity by modifying O-fucose residues at specific EGF-like domains resulting in enhancement of NOTCH1 activation by DLL1 and JAG1. May be involved in limb formation and in neurogenesis.[UniProtKB/Swiss-Prot Function]