

## Product datasheet for **RC208566L3V**

### **FUCA2 (NM\_032020) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	FUCA2 (NM_032020) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FUCA2
Synonyms:	dj20N2.5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_032020
ORF Size:	1401 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208566).
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. <a href="#">More info</a>
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:	<a href="#">NM_032020.3</a>
RefSeq Size:	2098 bp
RefSeq ORF:	1404 bp
Locus ID:	2519
UniProt ID:	<a href="#">Q9BTY2</a>
Cytogenetics:	6q24.2
Domains:	Alpha_L_fucos
Protein Families:	Druggable Genome, Secreted Protein



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**Protein Pathways:** Other glycan degradation

**MW:** 53.9 kDa

**Gene Summary:** This gene encodes a plasma alpha-L-fucosidase, which represents 10-20% of the total cellular fucosidase activity. The protein is a member of the glycosyl hydrolase 29 family, and catalyzes the hydrolysis of the alpha-1,6-linked fucose joined to the reducing-end N-acetylglucosamine of the carbohydrate moieties of glycoproteins. This enzyme is essential for *Helicobacter pylori* adhesion to human gastric cancer cells. [provided by RefSeq, Aug 2010]