

## Product datasheet for **RC215830L3V**

### **FUT2 (NM\_001097638) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	FUT2 (NM_001097638) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FUT2
Synonyms:	B12QTL1; SE; Se2; SEC2; sej
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001097638
ORF Size:	1029 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215830).
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_001097638.1</a>
RefSeq Size:	3105 bp
RefSeq ORF:	1032 bp
Locus ID:	2524
UniProt ID:	<a href="#">Q10981</a>
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Transmembrane



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<b>Protein Pathways:</b>	Glycosphingolipid biosynthesis - globo series, Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways
<b>MW:</b>	38.8 kDa
<b>Gene Summary:</b>	The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]