

Product datasheet for **RC210361L4V**

Galactoside 2 alpha L fucosyltransferase 1 (FUT1) (NM_000148) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Galactoside 2 alpha L fucosyltransferase 1 (FUT1) (NM_000148) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Galactoside 2 alpha L fucosyltransferase 1
Synonyms:	H; HH; HSC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000148
ORF Size:	1095 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210361).
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_000148.2
RefSeq Size:	4246 bp
RefSeq ORF:	1098 bp
Locus ID:	2523
UniProt ID:	P19526
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Glycosphingolipid biosynthesis - globo series, Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

MW: 41.3 kDa

Gene Summary: This gene encodes 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 synthesis of soluble A and B antigens. This is one of two genes encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group. [provided by RefSeq, Aug 2016]