

Product datasheet for **RC221256L3V**

A4GNT (NM_016161) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	A4GNT (NM_016161) Human Tagged ORF Clone Lentiviral Particle
Symbol:	A4GNT
Synonyms:	alpha4GnT
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016161
ORF Size:	1020 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221256).
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_016161.1
RefSeq Size:	1771 bp
RefSeq ORF:	1023 bp
Locus ID:	51146
UniProt ID:	Q9UNA3
Cytogenetics:	3q22.3
Protein Families:	Transmembrane
MW:	39.5 kDa


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Gene Summary:

This gene encodes a protein from the glycosyltransferase 32 family. The enzyme catalyzes the transfer of N-acetylglucosamine (GlcNAc) to core 2 branched O-glycans. It forms a unique glycan, GlcNAc α 1 \rightarrow 4Gal β 1 \rightarrow 3Gal β 4GlcNAc α 6Man α 6 and is largely associated with the Golgi apparatus membrane. [provided by RefSeq, Jul 2008]