

Product datasheet for **RC214761L4V**

GLT6D1 (NM_182974) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GLT6D1 (NM_182974) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GLT6D1
Synonyms:	GLTDC1; GT6M7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182974
ORF Size:	924 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214761).
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_182974.1 , NP_892019.1
RefSeq Size:	1526 bp
RefSeq ORF:	831 bp
Locus ID:	360203
UniProt ID:	Q7Z4J2
Cytogenetics:	9q34.3
MW:	32.4 kDa



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Gene Summary:

The GT6 glycosyltransferases gene family, which includes the ABO blood group (ABO; MIM 110300) and GLT6D1, shows a complex evolution pattern, with multiple events of gain and loss in different mammal species. In humans, the ABO gene is considered the sole functional member, although the O allele is null and is fixed in certain populations (summary by Casals et al. (2009) [PubMed 19218399]).[supplied by OMIM, Jan 2011]