

Product datasheet for **RC208368L4V**

DGCR6 (NM_005675) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DGCR6 (NM_005675) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DGCR6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005675
ORF Size:	660 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208368).
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_005675.3
RefSeq Size:	1188 bp
RefSeq ORF:	663 bp
Locus ID:	8214
UniProt ID:	Q14129
Cytogenetics:	22q11
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS
MW:	24.8 kDa



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Gene Summary:

DiGeorge syndrome, and more widely, the CATCH 22 syndrome, are associated with microdeletions in chromosomal region 22q11.2. The product of this gene shares homology with the *Drosophila melanogaster* gonadal protein, which participates in gonadal and germ cell development, and with the gamma-1 subunit of human laminin. This gene is a candidate for involvement in DiGeorge syndrome pathology and in schizophrenia. [provided by RefSeq, Nov 2008]