

## Product datasheet for **RC230199L3V**

### DGCR2 (NM\_001173534) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DGCR2 (NM_001173534) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DGCR2
Synonyms:	DGS-C; IDD; LAN; SEZ-12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001173534
ORF Size:	1518 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230199).
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_001173534.1</a>
RefSeq ORF:	1521 bp
Locus ID:	9993
UniProt ID:	<a href="#">P98153</a>
Cytogenetics:	22q11.21
Protein Families:	Druggable Genome, Transmembrane
MW:	56.5 kDa



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**Gene Summary:**

Deletions of the 22q11.2 have been associated with a wide range of developmental defects (notably DiGeorge syndrome, velocardiofacial syndrome, conotruncal anomaly face syndrome and isolated conotruncal cardiac defects) classified under the acronym CATCH 22. The DGCR2 gene encodes a novel putative adhesion receptor protein, which could play a role in neural crest cells migration, a process which has been proposed to be altered in DiGeorge syndrome. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]