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Product datasheet for RC206306L4V

DGCR2 (NM_005137) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DGCR2 (NM_005137) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DGCR2
Synonyms:	DGS-C; IDD; LAN; SEZ-12
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005137
ORF Size:	1650 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206306).`
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_005137.2
RefSeq Size:	4504 bp
RefSeq ORF:	1653 bp
Locus ID:	9993
UniProt ID:	P98153
Cytogenetics:	22q11.21
Domains:	VWC, CLECT, ldl_recept_a
Protein Families:	Druggable Genome, Transmembrane

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MW: 60.8 kDa

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]