

## Product datasheet for **RC228879L3V**

### **CANT1 (NM\_001159773) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	CANT1 (NM_001159773) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CANT1
Synonyms:	DBQD; DBQD1; EDM7; SCAN-1; SCAN1; SHAPY
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001159773
ORF Size:	1203 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228879).
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_001159773.1</a>
RefSeq Size:	3350 bp
RefSeq ORF:	1206 bp
Locus ID:	124583
UniProt ID:	<a href="#">Q8WVQ1</a>
Cytogenetics:	17q25.3
Protein Families:	Secreted Protein
Protein Pathways:	Purine metabolism, Pyrimidine metabolism



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**MW:** 44.8 kDa

**Gene Summary:** This protein encoded by this gene belongs to the apyrase family. It functions as a calcium-dependent nucleotidase with a preference for UDP. Mutations in this gene are associated with Desbuquois dysplasia with hand anomalies. Alternatively spliced transcript variants have been noted for this gene.[provided by RefSeq, Mar 2010]