

## Product datasheet for **RC207621L4V**

### **DOK2 (NM\_003974) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	DOK2 (NM_003974) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DOK2
Synonyms:	p56DOK; p56dok-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003974
ORF Size:	1236 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207621).
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_003974.2</a>
RefSeq Size:	1870 bp
RefSeq ORF:	1239 bp
Locus ID:	9046
UniProt ID:	<a href="#">O60496</a>
Cytogenetics:	8p21.3
Domains:	PH, IRS
Protein Families:	Druggable Genome



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**MW:** 45.4 kDa

**Gene Summary:** The protein encoded by this gene is constitutively tyrosine phosphorylated in hematopoietic progenitors isolated from chronic myelogenous leukemia (CML) patients in the chronic phase. It may be a critical substrate for p210(bcr/abl), a chimeric protein whose presence is associated with CML. This encoded protein binds p120 (RasGAP) from CML cells. [provided by RefSeq, Jul 2008]