

Product datasheet for **RC201002L3V**

CDC37 (NM_007065) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CDC37 (NM_007065) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CDC37
Synonyms:	P50CDC37
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007065
ORF Size:	1134 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201002).
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_007065.3
RefSeq Size:	1693 bp
RefSeq ORF:	1137 bp
Locus ID:	11140
UniProt ID:	Q16543
Cytogenetics:	19p13.2
Domains:	Cdc37
MW:	44.5 kDa



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Gene Summary:

The protein encoded by this gene is highly similar to Cdc 37, a cell division cycle control protein of *Sacchomyces cerevisiae*. This protein is a molecular chaperone with specific function in cell signal transduction. It has been shown to form complex with Hsp90 and a variety of protein kinases including CDK4, CDK6, SRC, RAF-1, MOK, as well as eIF2 alpha kinases. It is thought to play a critical role in directing Hsp90 to its target kinases. [provided by RefSeq, Jul 2008]