

## Product datasheet for **RC222363L4V**

### ROC2 (RNF7) (NM\_183237) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ROC2 (RNF7) (NM_183237) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ROC2
Synonyms:	CKBBP1; rbx2; ROC2; SAG
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_183237
ORF Size:	270 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222363).
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_183237.2</a> , <a href="#">NP_899060.1</a>
RefSeq Size:	2003 bp
RefSeq ORF:	273 bp
Locus ID:	9616
UniProt ID:	<a href="#">Q9UBF6</a>
Cytogenetics:	3q23
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis



[View online »](#)

**MW:** 9.6 kDa

**Gene Summary:** The protein encoded by this gene is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of I $\kappa$ B $\alpha$  (CHUK/IKK- $\alpha$ /IKBKA) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]