

## Product datasheet for **RC203325L3V**

### **RAC3 (NM\_005052) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RAC3 (NM_005052) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005052
ORF Size:	576 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203325).
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_005052.2</a>
RefSeq Size:	1077 bp
RefSeq ORF:	579 bp
Locus ID:	5881
UniProt ID:	<a href="#">P60763</a>
Cytogenetics:	17q25.3
Domains:	ras, RAS, RHO, RAB
Protein Families:	Druggable Genome



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**Protein Pathways:** Adherens junction, Axon guidance, B cell receptor signaling pathway, Colorectal cancer, Fc epsilon RI signaling pathway, Focal adhesion, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Pancreatic cancer, Pathways in cancer, Regulation of actin cytoskeleton, VEGF signaling pathway, Viral myocarditis, Wnt signaling pathway

**MW:** 21.4 kDa

**Gene Summary:** The protein encoded by this gene is a GTPase which belongs to the RAS superfamily of small GTP-binding proteins. Members of this superfamily appear to regulate a diverse array of cellular events, including the control of cell growth, cytoskeletal reorganization, and the activation of protein kinases. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]