

Product datasheet for **RC205535L4V**

RND1 (NM_014470) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RND1 (NM_014470) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RND1
Synonyms:	ARHS; RHO6; RHOS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014470
ORF Size:	696 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205535).
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_014470.2
RefSeq Size:	1665 bp
RefSeq ORF:	699 bp
Locus ID:	27289
UniProt ID:	Q92730
Cytogenetics:	12q13.12
Domains:	ras, RAS, RHO, RAB
Protein Families:	Stem cell - Pluripotency



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Protein Pathways: Axon guidance

MW: 26.1 kDa

Gene Summary: This gene encodes a protein that belongs to the Rho GTPase family. Members of this family regulate the organization of the actin cytoskeleton in response to extracellular growth factors. A similar protein in rat interacts with a microtubule regulator to control axon extension. [provided by RefSeq, Apr 2014]