

Product datasheet for **RC220552L4V**

RIT1 (NM_006912) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RIT1 (NM_006912) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RIT1
Synonyms:	NS8; RIBB; RIT; ROC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006912
ORF Size:	657 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220552).
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_006912.3
RefSeq Size:	3455 bp
RefSeq ORF:	660 bp
Locus ID:	6016
UniProt ID:	Q92963
Cytogenetics:	1q22
Domains:	ras, RAN, RAS, RHO, RAB
MW:	25.1 kDa



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Gene Summary:

This gene encodes a member of a subfamily of Ras-related GTPases. The encoded protein is involved in regulating p38 MAPK-dependent signaling cascades related to cellular stress. This protein also cooperates with nerve growth factor to promote neuronal development and regeneration. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]