

Product datasheet for **RC216503L4V**

RAG1 (NM_000448) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RAG1 (NM_000448) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RAG1
Synonyms:	RAG-1; RNF74
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000448
ORF Size:	3129 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216503).
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_000448.1 , NP_000439.1
RefSeq Size:	6557 bp
RefSeq ORF:	3132 bp
Locus ID:	5896
UniProt ID:	P15918
Cytogenetics:	11p12
Protein Families:	Druggable Genome
Protein Pathways:	Primary immunodeficiency



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MW: 118.9 kDa

Gene Summary: The protein encoded by this gene is involved in activation of immunoglobulin V-D-J recombination. The encoded protein is involved in recognition of the DNA substrate, but stable binding and cleavage activity also requires RAG2. Defects in this gene can be the cause of several diseases. [provided by RefSeq, Jul 2008]