

Product datasheet for **RC221824L4V**

Complement C8A (C8A) (NM_000562) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Complement C8A (C8A) (NM_000562) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Complement C8A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000562
ORF Size:	1752 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221824).
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_000562.1
RefSeq Size:	2392 bp
RefSeq ORF:	1755 bp
Locus ID:	731
UniProt ID:	P07357
Cytogenetics:	1p32.2
Domains:	tsp_1, MACPF, ldl_recept_a
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Complement and coagulation cascades, Prion diseases, Systemic lupus erythematosus



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MW: 65.2 kDa

Gene Summary: C8 is a component of the complement system and contains three polypeptides, alpha, beta and gamma. This gene encodes the alpha subunit of C8. C8 participates in the formation of the membrane attack complex (MAC). The MAC assembles on bacterial membranes to form a pore, permitting disruption of bacterial membrane organization. Mutations in this gene cause complement C8 alpha-gamma deficiency. [provided by RefSeq, Nov 2008]