

Product datasheet for **RC207487L4V**

CD64 (FCGR1A) (NM_000566) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD64 (FCGR1A) (NM_000566) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD64
Synonyms:	CD64; CD64A; FCRI; IGFR1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_000566
ORF Size:	1122 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207487).
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_000566.2 , NP_000557.1
RefSeq Size:	2268 bp
RefSeq ORF:	1125 bp
Locus ID:	2209
UniProt ID:	P12314
Cytogenetics:	1q21.2
Domains:	ig, IGc2, IG
Protein Families:	Transmembrane



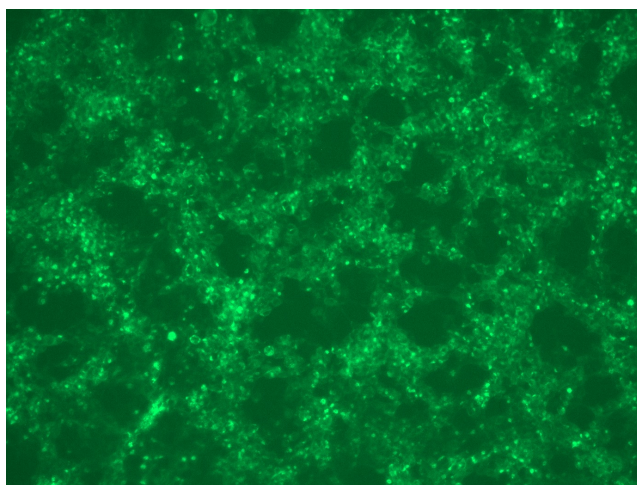
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Protein Pathways: Fc gamma R-mediated phagocytosis, Hematopoietic cell lineage, Systemic lupus erythematosus

MW: 42.6 kDa

Gene Summary: This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq, Jul 2008]

Product images:



[RC207487L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207487L4V particle to overexpress human FCGR1A-mGFP fusion protein.