

Product datasheet for **RC211982L2V**

CD32B (FCGR2B) (NM_004001) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD32B (FCGR2B) (NM_004001) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD32B
Synonyms:	CD32; CD32B; FCG2; FCGR2; FCGR2C; FcRII-c; IGFR2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004001
ORF Size:	930 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211982).
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_004001.3
RefSeq Size:	1633 bp
RefSeq ORF:	933 bp
Locus ID:	2213
UniProt ID:	P31994
Cytogenetics:	1q23.3
Domains:	ig, IGc2, IG
Protein Families:	ES Cell Differentiation/IPS, Transmembrane



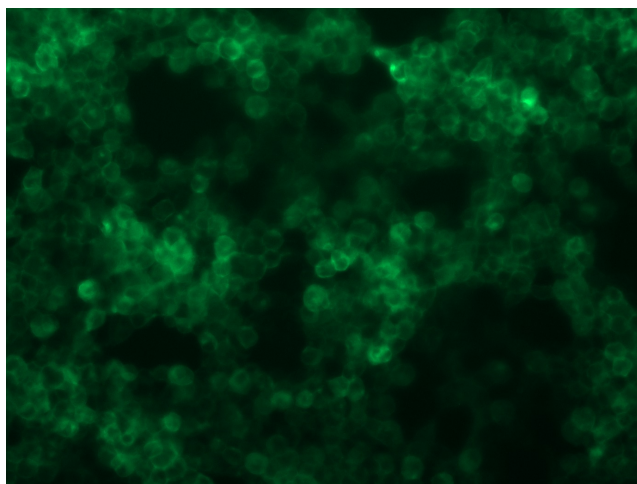
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Protein Pathways: B cell receptor signaling pathway, Fc gamma R-mediated phagocytosis, Systemic lupus erythematosus

MW: 33.9 kDa

Gene Summary: The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]

Product images:



[RC211982L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC211982L2V particle to overexpress human FCGR2B-mGFP fusion protein.