

Product datasheet for **RC204749L1V**

CD16b (FCGR3B) (NM_000570) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD16b (FCGR3B) (NM_000570) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FCGR3B
Synonyms:	CD16; CD16A; CD16b; FCG3; FCGR3; FCGR3A; FCR-10; FCRIII; FCRIIIb
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000570
ORF Size:	699 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204749).
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_000570.4 , NP_000561.3
RefSeq Size:	2148 bp
RefSeq ORF:	702 bp
Locus ID:	2215
UniProt ID:	O75015
Cytogenetics:	1q23.3
Domains:	ig
Protein Families:	ES Cell Differentiation/IPS, Secreted Protein, Transmembrane



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Protein Pathways: Natural killer cell mediated cytotoxicity, Systemic lupus erythematosus

MW: 26.2 kDa

Gene Summary: The protein encoded by this gene is a low affinity receptor for the Fc region of gamma immunoglobulins (IgG). The encoded protein acts as a monomer and can bind either monomeric or aggregated IgG. This gene may function to capture immune complexes in the peripheral circulation. Several transcript variants encoding different isoforms have been found for this gene. A highly-similar gene encoding a related protein is also found on chromosome 1. [provided by RefSeq, Aug 2012]