

Product datasheet for **RC208557L4V**

CD163 (NM_004244) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD163 (NM_004244) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD163
Synonyms:	M130; MM130; SCARI1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004244
ORF Size:	3468 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208557).
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_004244.3
RefSeq Size:	4190 bp
RefSeq ORF:	3471 bp
Locus ID:	9332
UniProt ID:	Q86VB7
Cytogenetics:	12p13.31
Domains:	SR
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

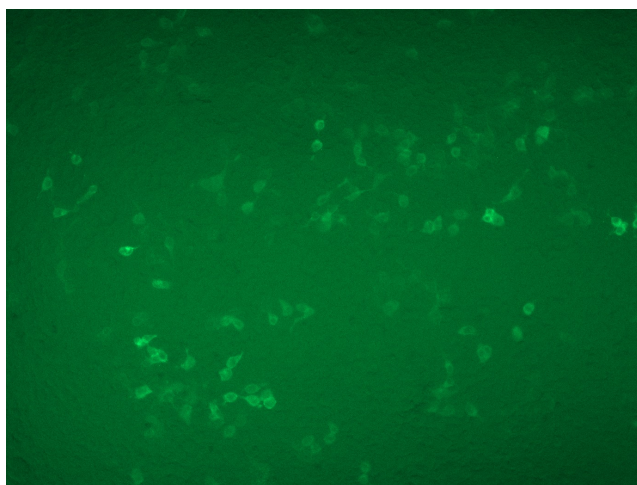


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MW: 125.4 kDa

Gene Summary: The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]

Product images:



[RC208557L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC208557L4V particle to overexpress human CD163-mGFP fusion protein.