Product datasheet for MR219212L3V

Cd163 (NM_053094) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cd163 (NM_053094) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cd163
Synonyms:	CD163v2; CD163v3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_053094
ORF Size:	3363 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR219212).
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_053094.2, NP_444324.2
RefSeq Size:	4409 bp
RefSeq ORF:	3366 bp
Locus ID:	93671
UniProt ID:	Q2VLH6
Cytogenetics:	6 F2

View online »

Gene Summary: Involved in clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages and may thereby protect tissues from free hemoglobin-mediated oxidative damage. May play a role in the uptake and recycling of iron, via endocytosis of hemoglobin/haptoglobin and subsequent breakdown of heme. Binds hemoglobin/haptoglobin complexes in a calcium-dependent and pH-dependent manner. Induces a cascade of intracellular signals that involves tyrosine kinase-dependent calcium mobilization, inositol triphosphate production and secretion of IL6 and CSF1 (By similarity). [UniProtKB/Swiss-Prot Function]