

Product datasheet for **MR223830L4V**

C5ar1 (NM_001173550) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C5ar1 (NM_001173550) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C5ar1
Synonyms:	C5aR; C5r1; Cd88; D7Msu1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001173550
ORF Size:	1053 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223830).
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_001173550.1 , NP_001167021.1
RefSeq Size:	2540 bp
RefSeq ORF:	1056 bp
Locus ID:	12273
UniProt ID:	P30993
Cytogenetics:	7 8.77 cM



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Gene Summary:

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C5a. The ligand interacts with at least two sites on the receptor: a high-affinity site on the extracellular N-terminus, and a second site in the transmembrane region which activates downstream signaling events. Receptor activation stimulates chemotaxis, granule enzyme release, intracellular calcium release and superoxide anion production.[UniProtKB/Swiss-Prot Function]