

Product datasheet for **MR206092L4V**

Cd55 (NM_010016) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cd55 (NM_010016) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cd55
Synonyms:	Daf; Daf-; Daf-GPI; Daf1; GPI-; GPI-DAF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010016
ORF Size:	1173 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206092).
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_010016.2 , NP_034146.2
RefSeq Size:	2527 bp
RefSeq ORF:	1173 bp
Locus ID:	13136
UniProt ID:	Q61475
Cytogenetics:	1 56.89 cM



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Gene Summary:

This gene encodes an inhibitor of both the classical and the alternative pathways of complement activation. The encoded preproprotein undergoes post-translational processing to generate a mature polypeptide anchored to the plasma membrane via a glycosylphosphatidylinositol moiety. Erythrocytes from mice deficient in the encoded protein exhibit impaired regulation of complement activation resulting in enhanced complement deposition. Mice lacking the encoded protein exhibit enhanced susceptibility to experimentally induced myasthenia gravis. This gene is located adjacent to a closely related gene on chromosome 1. [provided by RefSeq, Nov 2015]