

Product datasheet for **MR209163L3V**

C8a (NM_146148) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	C8a (NM_146148) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	C8a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_146148
ORF Size:	1764 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209163).
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_146148.1 , NP_666260.1
RefSeq Size:	3636 bp
RefSeq ORF:	1764 bp
Locus ID:	230558
UniProt ID:	Q8K182
Cytogenetics:	4 C6



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Gene Summary:

This gene encodes the alpha subunit of complement component C8 that participates in the assembly of the complement membrane attack complex. The encoded preproprotein undergoes proteolytic processing to generate the alpha subunit, which associates with the beta and gamma subunits to form a trimeric complement component, C8. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar proteolytic processing. This gene is located adjacent to the gene encoding the beta subunit. [provided by RefSeq, Oct 2015]