

Product datasheet for **MR223908L4V**

Rcvrn (NM_009038) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Rcvrn (NM_009038) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Rcvrn
Synonyms:	CAR; S-modulin
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009038
ORF Size:	609 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223908).
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_009038.2 , NP_033064.1
RefSeq Size:	1076 bp
RefSeq ORF:	609 bp
Locus ID:	19674
UniProt ID:	P34057
Cytogenetics:	11 41.13 cM



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Gene Summary:

Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The calcium-bound recoverin prolongs the photoresponse.[UniProtKB/Swiss-Prot Function]