

## Product datasheet for RC208916L1V

## OriGene Technologies, Inc.

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## Methionine Sulfoxide Reductase A (MSRA) (NM\_012331) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** Methionine Sulfoxide Reductase A (MSRA) (NM\_012331) Human Tagged ORF Clone Lentiviral

Particle

Symbol: Methionine Sulfoxide Reductase A

Synonyms: PMSR
Mammalian Cell None

Selection:

Vector:

pLenti-C-Myc-DDK (PS100064)

Tag:Myc-DDKACCN:NM\_012331

ORF Size: 705 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC208916).

OTI Disclaimer:

Sequence:

**Domains:** 

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:** <u>NM 012331.2</u>

 RefSeq Size:
 1543 bp

 RefSeq ORF:
 708 bp

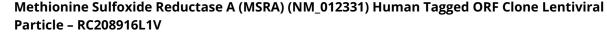
 Locus ID:
 4482

 UniProt ID:
 Q9UJ68

 Cytogenetics:
 8p23.1

**PMSR** 







MW: 26.1 kDa

**Gene Summary:** This gene encodes a ubiquitous and highly conserved protein that carries out the enzymatic

reduction of methionine sulfoxide to methionine. Human and animal studies have shown the highest levels of expression in kidney and nervous tissue. The protein functions in the repair of oxidatively damaged proteins to restore biological activity. Alternative splicing results in

multiple transcript variants. [provided by RefSeq, May 2014]