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Product datasheet for RC227449L4V

Methionine Sulfoxide Reductase A (MSRA) (NM_001135670) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Methionine Sulfoxide Reductase A (MSRA) (NM_001135670) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Methionine Sulfoxide Reductase A
Synonyms:	PMSR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001135670
ORF Size:	585 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC227449).`
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_001135670.1
RefSeq ORF:	588 bp
Locus ID:	4482
UniProt ID:	Q9UJ68
Cytogenetics:	8p23.1
MW:	21.6 kDa

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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]