

## Product datasheet for **RC208187L4V**

### **MSRB3 (NM\_001031679) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MSRB3 (NM_001031679) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MSRB3
Synonyms:	DFNB74
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001031679
ORF Size:	555 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208187).
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. <a href="#">More info</a>
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:	<a href="#">NM_001031679.1</a>
RefSeq Size:	4434 bp
RefSeq ORF:	558 bp
Locus ID:	253827
UniProt ID:	<a href="#">Q8IXL7</a>
Cytogenetics:	12q14.3
MW:	20 kDa



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**Gene Summary:**

The protein encoded by this gene catalyzes the reduction of methionine sulfoxide to methionine. This enzyme acts as a monomer and requires zinc as a cofactor. Several transcript variants encoding two different isoforms have been found for this gene. One of the isoforms localizes to mitochondria while the other localizes to endoplasmic reticula. [provided by RefSeq, Jul 2010]