

## Product datasheet for **RR203942L4V**

### Mocs2 (NM\_001007633) Rat Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Mocs2 (NM_001007633) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Mocs2
Synonyms:	MGC94220
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001007633
ORF Size:	600 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR203942).
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_001007633.2</a> , <a href="#">NP_001007634.1</a>
RefSeq Size:	1492 bp
RefSeq ORF:	603 bp
Locus ID:	294753
UniProt ID:	<a href="#">Q6AY59</a>
Cytogenetics:	2q14



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**Gene Summary:**

Catalytic subunit of the molybdopterin synthase complex, a complex that catalyzes the conversion of precursor Z into molybdopterin. Acts by mediating the incorporation of 2 sulfur atoms from thiocarboxylated MOCS2A into precursor Z to generate a dithiolene group.  
[UniProtKB/Swiss-Prot Function]