

## Product datasheet for **MG203215**

### Spata9 (NM\_029343) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Spata9 (NM_029343) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Spata9
Synonyms:	1700030K01Rik; 4930599C08Rik; A930023H06Rik
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MG203215 representing NM_029343 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAAGTCAGACCTATTGGGTGGATCTGTGGACAGGTGGTGAAGAACTTCTCTGGAAGACTTGAGGGC  
TCCAGAAGGCAATCATGGACCTATTGATGAGTTAAAGATGATCTCCCTACCATCTTAAGATTACACA  
GTCTAGCCAGAAAACAGATCCAGTGCAGAAAACATCCAAGGTCAGAATGGCCCTCGCCTTAGCCAAGATC  
AACCGTGGGACGCTATTCAAGGGTTAAACCACATATCCAGCTCCTCCAAGTCAGTGGCCAAGCTTCTGC  
AGCCCGGCTGGCATAACAGACTCCTAGAACTGAGGAGCATCTCTCACCGTTGCTGAGAGAAGTGAATGT  
GGCAGTCAACCCCTGCACAGCGTACAGATGAAAAGGGGTTCTTTGTTTGAATCATTCTTTCCAGCA  
AAAAGTCTTTAACTAGCATAATGTATGCTTCTTATGCAGCACTAATTTATTTGGCAGTCTGTGTTAATG  
CGGTGCTGGCAAAGATAAAGAAGATTTTCCAAGAAGAAGAATCCATTAGGCAAAATAGAGAGAGCGAGAA  
TTTTAGGAAAGCCTTCTCTGAGCCCGCTCCGAAAGCCCATGTTTTCTGAAAGTGAATCAAAGCAAAA  
CCTTACAGGTCGTTGCCAGAGAAGCCAGACAACCTTTTAGATCAACCCAAGCCTCTGCCAACAGCAGA  
GTAACAAGATCCAGGTTTTACATTCTGTGTTTGACCAATTGGCTGAATTGAATGAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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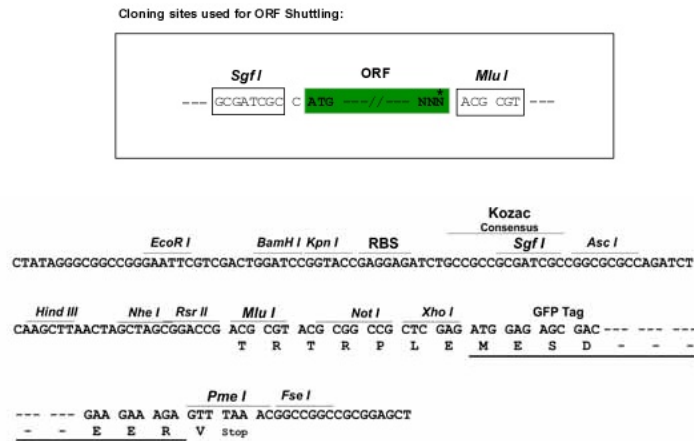
Protein Sequence: >MG203215 representing NM\_029343  
 Red=Cloning site Green=Tags(s)

MEVRPIGWICGQVVKNFSGRLEGLQKAIMDLIDEFKDDLPTILRLSQSSQKTPVQKTSKVRMALALAKI  
 NRGTLIQGLNHISSSSKSVAKLLQPRLAYRLLLELRISISHRLLRENVASQPLHSVQMKRGLFEIISFPA  
 KTALTSIMYASYAALIYLAVCVNAVLAIKKIFQEEESIRQNSENFRRKAFSEPALRKPMPFSESEIKAK  
 PYRSLPEKPDNLLDQKPPANKQSNKIQVLHSVFDQLAELNE

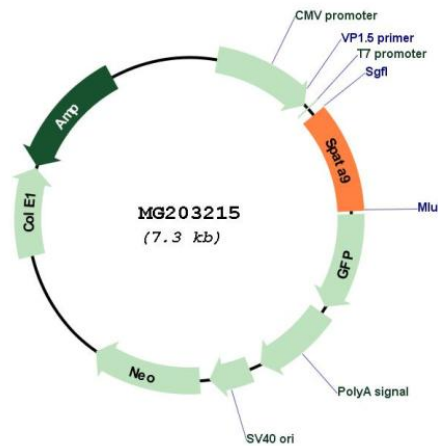
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_029343

ORF Size: 756 bp

<b>OTI Disclaimer:</b>	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>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>RefSeq:</b>	<a href="#">NM_029343.3</a> , <a href="#">NP_083619.1</a>
<b>RefSeq Size:</b>	1053 bp
<b>RefSeq ORF:</b>	759 bp
<b>Locus ID:</b>	75571
<b>UniProt ID:</b>	<a href="#">Q9D9R3</a>
<b>Gene Summary:</b>	May play a role in testicular development/spermatogenesis and may be an important factor in male infertility.[UniProtKB/Swiss-Prot Function]