

## Product datasheet for **MG224393**

### **Srrd (NM\_027323) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Srrd (NM_027323) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Srrd
Synonyms:	2810002G02Rik; Srr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG224393 representing NM_027323 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGCGGGCTCTCGAGCCCTGGAGCGGGTGGCTCCGCGGAGGAGGAAGCGCGGGCGGAAGGC  
GACCGCGCCGGGCGAGGGGCCCGGGCCGAGCCGGAGGCGGACGGCGAAGCGGTGCTACGCCGCTGCG  
GGAGGCCGAGGAGACCTGCGGATCTCTGATTTCTGCAGTTCGGCACTGGAAACCATCACCGAGTGTCTT  
AGGAAACAGTTGGAGCAACTGCAGCCCCTAACAGAAGCCCTTGAAGGCTGCACCTTGCTCATCGTTGC  
CTAGTGCCTCACAGGAGCCCTTGCTTCAAGCGCCTCCCATGTGAAGTGTGTGTGCTACGGTCTTGGGAC  
CTTTGCCTCCTGCCCCACTGCTCGGATCCAGCTTGCTTTTATGCTTCTCTTTCTAGAGAAGTGCCAGGTC  
CCCAGAAGTCACTGCTGGTCTATGACCCCTGTTCAGTCAGACTGAGGTTTCCGTTCTCACCTCCCTCG  
GCGTGACTGTCCTCAGTGAGAATGAGGAAGGCAAGCGCAGTGTCCAGGGCCAGCCACTGTCTTCTACAT  
GCCACACTGTGGGACAGCTCTATAACAACCTGCTGTGGAGCAACTGGTCTGCAGACGCCCTGTCCAGG  
GTGCTCATCATCGGGAACAGCTTCCGAGGCCTTGAGGAAAGGTTGTTGGCGAGGATTCTGCAGGAAATT  
ACCCCTACATTGCAAAGGTGTCTGACAGAATAGCTGGGCCGGGATTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG224393 representing NM\_027323  
 Red=Cloning site Green=Tags(s)

MAAAALEPWSAVAPRRRKRAAGRRPRPGEGPRAEPEADGEAVLRRLREAEDLRISDFCSSALETITECL  
 RKQLEQLQPLTEALGRLHLGSSLPASQEPCLASSASHVKVCYGLGTFASCPTARIQLAFMLLFLEKCQV  
 PRSHCWVYDPLFSQTEVSVLTSLGVTVLSENEKGKRSVQGOPTVFYMPHCGTALYNNLLWSNWSADALSR  
 VLIIGNSFRLGLEERLLARILQENYPYIAKVSDRIAGPGF

TRTRPLE - GFP Tag - V

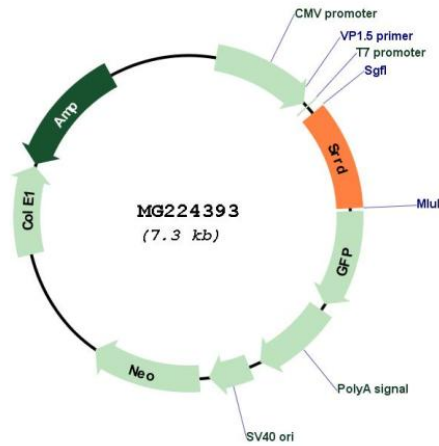
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM\_027323

ORF Size: 747 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>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_027323.2</a> , <a href="#">NP_081599.2</a>
<b>RefSeq Size:</b>	1134 bp
<b>RefSeq ORF:</b>	750 bp
<b>Locus ID:</b>	70118
<b>UniProt ID:</b>	<a href="#">Q8K2M3</a>
<b>Cytogenetics:</b>	5 F
<b>Gene Summary:</b>	Plays a role in the regulation of heme biosynthesis and in the regulation of the expression of core clock genes.[UniProtKB/Swiss-Prot Function]