

Product datasheet for **MG203453**

Spr (BC010400) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spr (BC010400) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Spr
Synonyms:	AA409688; ENSMUSG00000071345; Gm10328
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203453 representing BC010400 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCAGGCGGGCTGGGCTGCGCTGTGTGCGTGTTGACCGGGCCTCCCGGGCTTTGGTCGCGCC
TGGCCCCGACGTGGCCCGTTGCTGTCTCCCGTTCCGTGATGCTCGTAAGCGCACGCAGTGAGTCGAT
GCTGCGGCAACTGAAGGAGGAGCTGGGCGCTCAGCAGCCTGACCTGAAAGTGGTGTGGCAGCCCGCAT
CTGGGCACCGAGGCTGGCGTGCAGCGTTGCTGAGCGCAGTACGCGAGCTCCCGAGGCCGAGGGGCTGC
AGCGCCTGCTGCTCATCAACAACGCAGCCACTCTGGGGATGTTTCAAAGGCTTCTCAACGTGAATGA
CCTAGCTGAGGTGAACAATACTGGGCTCTGAACCTGACCTCCATGCTCTGTTTGACTTCCGGCACCTTG
AATGCCTTCCAGGATAGCCCTGGCTGAGCAAGACTGTGGTTAACATCTCATCTGTGTGCCCTGCAGC
CCTACAAGGGCTGGGTCTGACTGTGCGGGGAAGGCTGCCCCGAGACATGCTCTACCAGGTCTGGCTGC
TGAGGAACCGAGTGTGCGGGTGTGAGCTATGCTCCAGGTCCTGGACAATGACATGCAGCAGTTGGCT
CGGAAACCTCCAAGGACCCAGAGTTAAGGAGCAAAGTGAAGTCCGATGGGGCGCTGGTGG
ACTGTGGACTTCAGCCAGAACTGCTGGGCTTGCTGCAAAGGACACCTTCCAGTCTGGAGCCCATGT
GGACTTCTATGACTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203453 representing BC010400
 Red=Cloning site Green=Tags(s)

MEAGGLGCAVCVLTGASRGFGRALAPQLARLLSPGSVMLVSARSESMLRQLKEELGAQQPDLKVVLAAD
 LGTEAGVQRLLSAVRELPRPEGLQRLLLNNAATLGDVSKGFLNVNDLAEVNNYWALNLTSMCLTSGTL
 NAFQDSPGLSKTVVNISSLCALQPYKGWGLYCAGKAARDMLYQVLAEEPSVRVLSYAPGPLDNDMQQLA
 RETSKDPELRSKLQKLKSDGALVDCG TSAQKLLGLLQKDTFQSGAHVDFYDC

TRTRPLE - GFP Tag - V

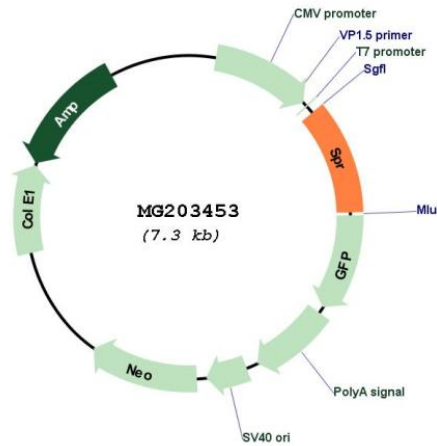
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: BC010400

ORF Size: 788 bp

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.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	BC010400 , AAH10400
RefSeq Size:	1256 bp
RefSeq ORF:	788 bp
Locus ID:	20751
Cytogenetics:	6 37.15 cM