

Product datasheet for **MG207043**

Spock1 (BC075625) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spock1 (BC075625) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Spock1
Synonyms:	Spock, testican
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG207043 representing BC075625 Red=Cloning site Blue=ORF Green=Tags(s)

GACGTTGTATACGACTCCTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GGCGGCC**

ATGCCAGCGATCGCGGTGCTCGCGGCCGCCCGCGCGGTGGTGTCTCCTCCAAGTGGACAGCCGGCACC
TGGACGCGCTGGCCGGTGGCGGCCCTCAACAACGCCAATTTCTAGACAATGACCAGTGGCTGAGCAC
TGTCTCCAGTATGACCGTGACAAGTACTGGAACCGCTCCGAGATGAAGTTGAGGATGACTATTTCAGA
AACTGGAATCCCAACAAGCCCTCGACCAAGCCCTGGACCCATCCAAGGACCCCTGCCTGAAGGTGAAAT
GCAGCCCGCACAAGTATGTGTGACCCAGGACTACCAGACGGCTCTGTGTGTGAGCCGCAAGCACCTGTT
GCCAGGCAGAGAAGGGCAATGTGGCTCACAACACTGGCTTGGACCTTCCAATCTGGTTAAGTGAAG
CCTTGCCCGTGGCGCAGTCAGCGATGGTCTGCGGCTCTGACGGCCACACGTACACGTCCAAGTGAAGT
TGGAAATCCACGCTTGTCTACAGGCCAAAAGCCTCAACTCCCTCTGTGATGGGCCCTGTCCGTGTCTGCC
TGAGCCTGAGCCACTGAAGCCAAAGCAGAGAAGAGTGCCTGCACGGACAAGGAGCTGCGGAACCTCGCC
TCCCGCTGAAGGACTGGTTCGGGGCTCTCATGAGGACGCCAATAGAGTCATCAAGCCTACCAGCTCTG
ATCCAGCCCAAGGCAGTTTGACACCAGCATCTTACCCATTTGCAAGGACTCCTTGGGTTGGATGTTCAA
CAAGTTGGACATGAACTATGACCTGTTGCTGGACCACTCAGAGATCAATGCCATCTACCTAGACAAATAT
GAGCCCTGCATCAAGCCTCTTCAACTCGTGCAGCTCCTTCAAGGACGGCAAACCTCCAACAATGAGT
GGTGTACTGCTTCCAGAAGCCAGCGGGTCTCCCTTGCCAGAATGAAATGAACAGAATTCAGAAGCTAAG
CAAGGGGAAAAGCCTACTGGGGCTTTCATCCCTCGATGTAACGAGGAGGGCTACTACAAAGCCACACAG
TGCCACGGCAGCACGGGGCAGTGTGGTGTGGATAAATATGGGAACGAGCTGGCCGGCTCCAGGAAAC
AGGGCACTGTAAGCTGCGAAGAGGAGCAGGAAACCTCCGGGACTTCGGCAGTGGAGGCTCCGTGGTCTCT
GCTGGATGACCTAGAGGATGAGCGGGAGCTGGGACCAAGGACAAAGAAGGAAGCTGAGGGTGCACACC
CGGGCCGTGCGGGAAGATGATGAGGATGAAGATGACGACAAAGAAGATGAGGTCCGGTACATATGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG207043 representing BC075625
 Red=Cloning site Green=Tags(s)

MPAIAVLAAAAAWCFLQVDSRHLDALAGGAALNNANFLDNDQWLSTVSQYDRDKYWNFRFRDEVEDDYFR
 NWNPNKPFQALDPSKDPCLKVKCSPHKVCVTQDYQTALCVSRKHLLPRQKKGNAHKHWLGPSNLVKCK
 PCPVAQSAMVCGSDGHTYTSKCKLEFHACSTGKSLNSLCDGPCPLPEPEPLKPKAEKSACTDKELRNLA
 SRLKDWFGALHEDANRVIKPTSSDPAQGRFDTSILPICKDSLGMWFKLDMNYDLLLLDHSEINAIYLDKY
 EPCIKPLFNSCDFKDGKLSNNEWCYCFQKPAGLPCQNMNRIQKLSKGSLLGAFIPRCNEEGYKATQ
 CHGSTQCWCVDKYGNELAGSRKQGTVSCEEEQETSGDFGSGGSVLLDDLEDERELGPKDKEGKLRVRT
 RAVREDDDEDDDKEDVEGYIW

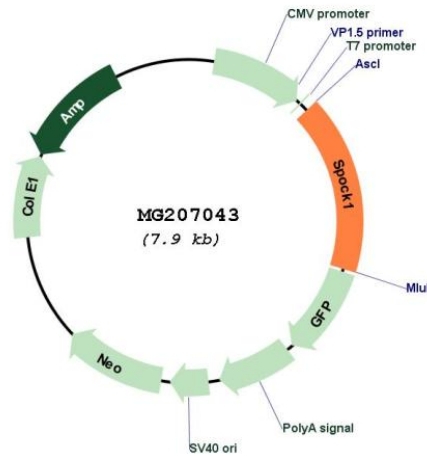
TRTRPLE – GFP Tag – V

Restriction Sites: AscI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: BC075625

ORF Size:	1328 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:	BC075625 , AAH75625
RefSeq Size:	4628 bp
RefSeq ORF:	1328 bp
Locus ID:	20745
Cytogenetics:	13 B1