

## Product datasheet for **MC219031**

### Stpg2 (NM\_198659) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stpg2 (NM_198659) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stpg2
Synonyms:	B930007M17Rik; Gm1017
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219031 representing NM\_198659  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTATGACCGTGTCCGCGCTGGCTCGACTGTGCCAACCGCGGCAGCACCGAGGAGCACGTGGGCCTG  
GGACCTACCAGGTACCTTTTCTAAGCAGCAGGCCACAGGTTGCTATGCACCATTTCTTTCTTTGAGTTC  
CAAAACAAGTGCTTGTGTCTCCTCTGATGCTGGCCAAGCTGTTCCAGGTCCAGCACACTACAACGTA  
TCACAAGCACAGTATAATATAAGAGGAGGCCGAGTCTGCAAAACCGAGAGAAGCGATTTAAGAACTTA  
TTTCGGATGGTCCAGGACCTGGGAGCTACAATTGGCCTTATCTTGGGACATTATGTATCACAACCAGACA  
GAAAACCTCTAGAACTCTGCAGTTTCCAGAAACATTGATATTCCTTCAATCCCTCTTCCGGAAAGTCA  
CATGGGTATCATCTCAATGACGATGACACTATTATGAGACGCACCCACCTCCTAGTGACAACACAATAG  
GTCCAGCGTACTACAATCCTCAGTTTGATTATCCTAAAGCATCTTTGAAATATAAAGGCGTAAATTTTGG  
CAATGCTACAGGAAGACAAGAATTTCTCAAGTATTCGGGTCTGGTCTGGACAGTATGATATCATCCAG  
AAAAGGAAACTACATTGTGAAAATATTAACATCAAGAGAGAACAAGAGCATAATTATTATACATATGTCC  
CACGGCTATATGAAGCGATAATATTGCAGGAGGAAAAAAGGGTGTACCAGGACCTGGAAAGTACAACAT  
TAAAAGTGAATTTGACATGATAAAATCCATGTCAGCACTTGTGAATTCCTCATCTTTATTTTCTTTTCT  
GAAACAGAGAGATTTGAACCTATAAAATCATGCACCCAGCTCCTGGCACATACAATGAAATACGAACTG  
CTTTCAAGTGCCCAAAGAAAAGATTTGGACTGTCTTTGCCATTTAACCAGAGTGTGCTCGATTACAGA  
AGATCCAAGGCACAGAAGCTACCAGGTCTGGCTTTTATGATATCTCAACCAACATTGTAAAAGCCCAG  
GTTAAAAAACCTGCTTGAAGAAAACAACCGAAAACCTGGATTTGGTCTTCTGTGCCTCGAACTTTGTTCA  
CAGCTCAGAAAAAAGCTTCCGTGGTCTGGCCTAGTGATTATCAGGTTTCGAGGAACCTCATGATGAATT  
ACCTAACTTGAACAAATCTGCTGCTTTCTTGTGAGAGCAGAAAAAACCACCAGTACGAAAAATGCGT  
CTTCCAGCTCCTGGCCGCTATGATGTTAGAAAATCGTATGACATGTCCAAGTTAAACATAAGTACATGC  
CACCTCGTACTTCGGTGGCTAAAAAAGGCATTCTCTTCTGAGCGCAGCTCCTCGGTGCCTGGGAAA  
AATCGCTGATGGGCCAGGACCTGCAACATACAGTCCTGTTTTAATGAAGTCTGGTGCCATAATCTCATT  
GTTAAAGACCAAAGCGTTTTCAAGAGTTTTCATGGCGAGTTTTCTCCAGGCCCTACGACATATGAGTCA  
GTCCATTTCTAAGACATTCTCTTCTGAAGAGAACAACAATGTCCTCTGCGGTGTTTCATCTCTCTCTAA  
TAGAGAAAATACTGGTTGCCATCAGAAAAAGCCACAAAAAATTTCAAAGAGAGAAATTACAGTATTTT  
AACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_198659

**Insert Size:** 1686 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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:**

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:** [NM\\_198659.2](#), [NP\\_941061.1](#)

**RefSeq Size:** 2818 bp

**RefSeq ORF:** 1686 bp

**Locus ID:** 381476

**UniProt ID:** [Q8C8J0](#)

**Cytogenetics:** 3 H1