

Product datasheet for **RN214078**

Stpg2 (NM_001100993) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stpg2 (NM_001100993) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stpg2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN214078 representing NM_001100993
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACGACCGTCTCCCGCTGGCTCGACTTAGCCAACCGGGCAGCACCGAGGAGCACGTGGGTCTG
 GGACCTACCAGGTACCTTTCTAAGCAGCAGGCCACAGTTGCTATGCACCGTTTCTTTCTTTGAGTTC
 TAAAAAGATGCTTATGTTGTCTCCTCTGACCCTGGGAAAAGCCGTTCCAGGTCCAGCGCACTACAATGTG
 TCACAAGCACAGTATAAAATAAAAGGAGGCCGACTCTGCAAAACCGAGAGAAGCGATTTAAGAACTTA
 TTTCCGATGGTCCAGGACCTGCAAGCTACGACTGCCCTTACCTTGGGACACTATGTATCAGAATCAGACA
 GAAAATCTGTAGGAAACCTGCAGTTTCCAGAAGCCTTGATATTCCTTCAATTCCTCTTCGGGAAAGTCG
 CACGGGTATCACCTCAACGAGGACGACACTATTATGAGACGCACCCACCTTCTAGTGACAAGACGATGG
 GTCGGCGTACTACAATCCTCAGTTTGATTATCCTAAAGCAAGTTTAAAATACAAAGGTGTAATTTTGG
 TATTGCTACAGGAAGACAAGAATTGCTCAAATATTCAGGCCCTGGCCCCGGACACTATGATATCATCCAG
 AAAAGGAAACTAGTTATGAAAAATTAACATCAAGAGAGATCAAGAGCACTACTGTTATTCATATGTTT
 CGCGGCTGTATGAAGAGATAGCATTACAGGAAGAAAAAAGGGAGTACCAGGACCTGGAAAGTACAACAT
 TAAAAGTCAATTTGATCACATAAAGTCCATGTCAACAATTGTGGATGCTTCATCTCTTTCTTTCTTCT
 GAAACAGAGAGATTTGAACCTATCAAAATCGTCTACCCAGCTCCTGGCACGTATAATGAAACACGAACTG
 CTTTCAAGGTCCCAAAGAAAAGATCAGGACTGTTTTACCATTGGTCAAAGAGCTGCCCGATTCACAGA
 GGATTACAAGGCCACGAACTACCAGGTCTGGTTTTATGATATCTCAACCAACATTGTAAGACACAG
 GTTAAAAAACCCCACTTGAAGAAAAAATGAAAACCTGGATTTGGTTCTTCTGTGCCTCGAGCTCTGTTCCG
 CAGTTCAGGAAAAAGCCTTCGCTGGCCCTGGGCCAGTGATTATCAGGTGGTTAGAGGAATTCATGATGA
 ATTACCTAATTGATGAACAAATACGCTGCTTTCTTGTAAGAGAAGAAAGAACTACACCAGTGCAAGAA
 ATGAGTCTTCCAGCTCCTGGCTGTATGATGTTTCAAGAAATCATATGATATGTCCCAAGTTCAACATAACT
 ACATGCCGCTCGTAGTTCAGTGGCTAAACAAAGGCATTCTCTTCTGAGTGCAGCTCCTCGGTGCCT
 GGGGAAAATCTCTGATGGCCAGGACCTGCAACATACAATCCCATTTTAAAGTCTGGTGCATAATC
 TCATTCGTTAAAGCACCAAGGCGTTTCGAAGAGTTTCAGGACAAGTTTCTCTGGCCCTACGACATACG
 AGCTCAGTCCATTTTTAGACATTCGCTTCTGAAGAGAACATACAATGCTACTCTACCATGTTCCGGCTC
 CCTCAATAGAGAACATGCTGGTCATGCAGTGCAAAAAACCCAGACAAAAATATCAAAGAGAGAGATTTAAG
 CATCCTAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100993
- Insert Size:** 1692 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_001100993.1](#), [NP_001094463.1](#)

RefSeq Size: 2089 bp

RefSeq ORF: 1692 bp

Locus ID: 499719

UniProt ID: [A1A5R9](#)

Cytogenetics: 2q44