

Product datasheet for **MC211906**

Stpg1 (NM_030189) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Stpg1 (NM_030189) Mouse Untagged Clone
Tag: Tag Free
Symbol: Stpg1
Synonyms: 4930403G18Rik; 4930555I21Rik; Mapo2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211906 representing NM_030189
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGTCCAGAAATTTGCTAACTGGACAACGTTGTCCTGAGGGCAGACCTTGACAAACCTAAGAAGCAGC
CCGACAGAGTTTCAGAAAGTTTTACGGCTGCATACCCAACCTCAGTCCTCCATCCCTTATAGACACAGGAC
GTCAATAATCCCAGAATCAGAAAAAAGGGATTTAACAGCCAAGCCAGGAGATTTATAGCAAAAAGGAT
GACGTCCCGGGCCCTGGTTCTACAATGTCATCCACCAGTCTCCAGTGTTCAGCAGTGCCTCTCTTTCCA
AGAGAGGAACGTGCACTTTTCCCTCCACGTGTGCCCGGCTGGGCCCATCATTTCTAAAAATCCCCTGTC
CAACGCGTATACCATCCGGTCAGACTTGGCTTCCAAGAAGGACTTCAGCAATTCCTGTTCCAGCATGTTCC
CAGCTGCCAAGCTTCATGAAAGTGAAAAATCTGAAACCCCTGCCCAAACCATTAATGCCTCCATCG
CCTCTGCAGACAGAAAAACAATGTCTGCGCTCGAGCCGGTTTCTGTGAAAACGCCGAGAGGATTCAT
ACCCTCGTCGGCATCCGGAGGGCCAGCACCAGGGCATTACAATGTCAACGAGTCCCTGGTGAGGCAATCG
CCAAAGTCTTAATGTCTGCTTCAAATCCAGAAGTGGCCGTGGATTAAGCCGACCTCAATAGGCCCGG
GACCCGGTTACTACAACCCGAATGATCAAACCAAGATTCTGAAAAATCTTACTTCCCGAAAACTACACT
CCTGAACTTTTCTGCCACCCTCTGCCCTGCCTCCGAAGCCACCCTGCCTGGCCCTGGTCAGTATGAG
ATCGTGAACACTACGAGGGACCCCAAAGCACTTCACTCAGTGCATCGTTTTGTGTCCAACACCAGCCGGT
GGCCAATGAAGTCATCCAAACCAACCTTCCCGGCCAGCCACGTACAAGCCAGAGATTCAGGGGAAGCA
ATCCTTCTCTACAATGAAGACAACAAATGGGTCCTGCGGTC**TAG**

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_030189



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Insert Size:	1026 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:	<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:	<u>NM_030189.3</u> , <u>NP_084465.1</u>
RefSeq Size:	2380 bp
RefSeq ORF:	1026 bp
Locus ID:	78806
UniProt ID:	<u>Q9D2F5</u>
Cytogenetics:	4 D3
Gene Summary:	May positively contribute to the induction of apoptosis triggered by O(6)-methylguanine. [UniProtKB/Swiss-Prot Function]