

Product datasheet for **RN204701**

Stpg1 (NM_001025772) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stpg1 (NM_001025772) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stpg1
Synonyms:	Mapo2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204701 representing NM_001025772 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCCAGAAATTTGCTAACACGGGCAGCTTTATCGAGAGAGAAGACCTTGGCAAACCTAACAGGGTG
 TCGACAGAGTACAGAAAGGTTTCACCGCTGCATACCCAACCTCAATCCTCCATTCTTATAGACACAGGAG
 GTCAGTAATCCCAGAATCAGAAAAAGGGGATTTAACAGCCAAGCCAGGAGATTTATAGCAAAAAGGAT
 GACATCCCGGGCCCTGGGTTCTACAATGTCATCCACAGTCTCTGGTGTCAACAGTGTCTCTCTCCA
 AGAGAGGAACCTGCACTTTTCCCTCCACGTGCGCCCGCTGGGCCCATCATTTCTAAATATCCTGCTGC
 AAACGCGTACACCATCCGGTCAGAGTTGGCTTCCAAGAAGGACTTCAGCAATTCTGTTCCAGCATGTTT
 CAGCTGCCAACCTTCATTAAAGTGGTCAAATCTGAGACCCCGCCCCAAACCATTACAATGCCTCCATCT
 CCATCTGCAAACAGAGAAACAATGTCTGCGCTCGAGCCGGGTTTCTATCGAAAACGCCGAGAGGATTCTG
 TCCCTCCTCTGAACAGGAGGGCCAGCACCGGGGATTACGATGTCAATGAGTCCCTGGTGAGGGAGTCG
 CCAAAGGTCTTAGTGCTGCTTCAAGTCCAAACTGGCCGTGGATTAAACCGACTTCAACAGGCCCGG
 GGCCTGGTTACTACAACCCGAACGATCAACCAAGATTCTGAGAAAATCTCATCTCCGAAAACCACT
 CCTGAACCTTTCTGCCAACCACTGCCTCTACCCGAAAAGCCACCTCTGCCTGGTCTGGTCAGTACGAG
 ATCGTGAACCTACCAGGGCCCTCCAAGCACTTTATCTCCAGGCATCGTTTGTGTCCAACACCAAGCCGGT
 GGCCAGTGAAGTCATCAAGCCAACCTTCCCGGCCAGCCTCATACAAGCCAGAGATTCCGGGGAAGCA
 GTCCTTCTCTACAATGAAGACAATAAATGGATTCTGCAGT**G****AG**

AC**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII



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ACCN:	NM_001025772
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:	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_001025772.1</u> , <u>NP_001020943.1</u>
RefSeq Size:	2292 bp
RefSeq ORF:	1026 bp
Locus ID:	500566
UniProt ID:	<u>Q4KLY8</u>
Cytogenetics:	5q36
Gene Summary:	May positively contribute to the induction of apoptosis triggered by O(6)-methylguanine. [UniProtKB/Swiss-Prot Function]