

Product datasheet for **RN207546**

Smg6 (NM_001105808) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smg6 (NM_001105808) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smg6
Synonyms:	LRRGT00040; RGD1309609
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207546 representing NM_001105808 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTTTCTCCAGTCGCGCCACCGTCGTTTGGGAGGGCAGGCAGGAGGGGGCGGGAAAAGGGTGG
GAGTGGGTGAGCGCGCGCCCGTCCGTCGTGGTTTCTGGCTGCGCGCGCGGTGGTGGAGTCGCGC
AGCTGTAGCAGCCGCGGAAGATGGCGGAGGGTTGGAGCGTGTGCGGATCTCCGCGTGGAACTGCGA
GGGATCTGGCCACTCTGGCTCCGAGGCCGGGAGCAGAGAAAACATGAAGGAATAAAGGAACCCAGGC
AGCGCAAAGATAACAGGCGCCAGATTTGAAATCTACAAGCCTGGGCTTTCTCGACTGAGAAACAGACC
TAAACCAAGGAGGCTTCTGGGAATGAGGAATCAAAGATGAGATTGTGAATGACAGAGATGCTTCTGCT
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GAGTCAGCGGGTAGGGCAGATGAAGAAGAAATCCTCAACCAAGTGGAGCAGTTGACGATGGAAGGGGATG
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AAGTAATGACCGTGTAAAGAACTGCCAAGGGAGAAAAGGGGAAAAAGATTGATAAGGGGGAGGGGTCAAAA
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GGAACCGCTATCGCACTTGCACTACCAAGCTCAGCTGGTAGCAACAACAGTGCAGAGGGAGCTGGCCCTGAC
TGATAATGGATGTCGCCGCGCGGCCAGGACCGGACCAAGAGAGGCCACGACTGAAGAAACAGGTATCT
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CAGAAAGGAAGAAGCATTTAGACAGAAATTGGTCTGGCCGAGGTGAGGGTGAACAGAAAAGCAATGGTAA
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TCAGTCAAGGAGAATGTGGATAGAATGAATTCGACAAAGGCTCAAGCAGTGGGGTAAGGGCTCTGAGA
AGCAGGAGTTAGAAAACCGAAACAAGAACTTCGAGATCGTGGTCTGGTATTCTGATTCTGCCTGCCCA
CACTGCCCTATCTGCAGTTCATCAGGTTCTCCGAGTCTACACCTTTGGGACCTAGACTTTTATTGGA



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TCTGGTAGTAAGGGATCTCGGAGTTGGGGCCGTGGAGGCACAACCCGCCGACTATGGGACCCAAACAATC
 CTGATCAGAAGCCTGCTCTGAAAAGCCAGACACCTCAGCTACATTTCTTGGACACAGATGATGAAATTAG
 CCCTACATCCTGGGGTGATTACGTGAGGCCCAAGCATCTTTCTATAAATTTCAAACCTCTGACAACCCC
 TATTATTATCCTCGGACACCAGGCCCTGCCTCTCAGTATCCCTATACAGGCTATAGTCTCTGCAATACC
 CAGTGGGCCCTACAAATGGTATGATCCAGGGCCTTACTACCCAGGCTATCCTGCCCCCTCAGGACAGTA
 TGTATGTAGCCCTCTCCCTGCTAGTACCATGAGTCCTGAGGAAATAGAACAGCACGTGCGGAACATGCAG
 CAACAGGAGCTCCATAGGCTTCTCCGAGTGGCTGACAACCAGGAAGTGCAGCTCAGCAACCTGCTTTCCA
 GGGACCGCATCAGCACTGAGGGCATGGAGAAGATGGCTCAGCTAAGAACGGAACCTCTGCAGCTGTACGA
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 GGAACAGACTCTTGAACTCTTAGATGAGGGCAGTGACTTCTTTGATAGTTTGCTTCAGAAACTACAGGT
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 CAGCACAGCCCATCTCCTATTGGAAGCACTCGTATGCTGCAGCTCATGACCATCAACATGTTTGCTGTAC
 ATAATTCAGTTGAAAGACTGCTTCTCAGAGGAGTGTCTTCTGTGATCCAGGAACAAGCTGCATCCTT
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 CACATCTTTGGATCTGCCCTTGCAAGTTGCTGTGGATGTATGGTCAACACTTGCTGATTTCTGTAACATA
 CTGACTGCAGTGAATCAGTCTGAGGTGCCACTGTACAAGGACCCAGATGATGACCTCACCTGCTTATCC
 TGGAAGAGGATCGGCTTCTCTGGCTTGTCCCTTGTGGCTGCCCTCAGGACCCCTGCTACGTGGA
 GAAAACCTCGGATAAGGTTATTGCAGCTGACTGCAAAAAGGTCACAGTGTGAAGTATTTCTGGAAGCC
 CTTTGTGGACAAGAAGAGCCTCTGCTGGCATTCAAGGGTGAAAAATATGTGTGAGTGGCACCCGTCCTCAG
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 TGAAGACTTTGAGGAAGATTGAGAGGCTGAAGGTAGTGGGGTGAGGATGACATCAGGGAACCTCGGGCC
 AAGAAGCTGGCTCTAGCAAGGAAATAGCTGAACAGCAGCGTCGCCAGGAAAAGATCCAGGCTGTTTTGG
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 CTTTATTGACCACCTGGCCAGTCTAGCTCGGCTGCTGGAGAGCAGGAAGTACATCCTGGTGGTGCCCTC
 ATCGTGATCAATGAGCTGGATGGCTCGCCAAAGGGCAGGAGACAGACCACCGGGCTGGGGGCTATGCC
 GTGTGGTGCAAGAAAAGGCCGAAAAATCCATCGAGTTCCTTGAACGGAGATTTGAGAGTCGGGACTCCTG
 CCTGCGGGCCTTGACCAGCCGTGGCAATGAACCTGAATCTATCGCCTTCCGAAGTGAGGACATTACTGGA
 CAGCTGGGCAACAACGATGACCTGATCCTTTCCTGCTGCCTGCACTACTGCAAAGACAAAGCTAAGGACT
 ACATGCCACCAGCAAGAGGAGCCATCCGCTTGCTACGGGAAGTGGTGTGCTGACGGATGATCGGAA
 CCTTCGTGTAAGGCACTAACAAGGAATGTGCCTGTGAGGGACATCCAGCCTTCCTTACGTGGGCCAG
 GTGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105808
Insert Size: 4419 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_001105808.1</u> , <u>NP_001099278.1</u>
RefSeq Size:	6337 bp
RefSeq ORF:	4419 bp
Locus ID:	287522
Cytogenetics:	10q24