

Product datasheet for RN208765

Smc4 (NM_001037185) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smc4 (NM_001037185) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smc4
Synonyms:	Smc4l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208765 representing NM_001037185 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGGCGTAAGGGCACCAAGCCCTCCACTGCCTGCCACCAGGAAGAAGGGCCGCCGCCCTCCGAGGACG
GTGCCCTCAGCGAAGGGGAGAAGGAGCAACCGGACTGCGAAGTGGACAGCGCTGCAGCTGCAGAGACTCC
AGGTGAGGAGCTTGATAGCAGAAGTTTGAAGAGATTTGAATAGTATCCCTCCACCCCCACCTCCAGCA
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ATCCAATGTTATTGATCCATGCTTTTTGTGTTGGCTATCGAGCACAAAAATAAGGTCTAAAAAGCTG
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CAGTGTCTCAATTAAGTAAGGCCAAGGACGCGTTAATCACAGCTTCTGAGACTCTCAAGGAAAGGAAAGC
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 CAGAACTGACACAAGAAGAAATAAACTTGAAAAGTTTGGTTCATGATCTTTCCAAAAAGTTGAAGAAG
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 AACAGAACTAAAAATATTGAAGACAATGCCGAAGAAGTCATAAAAAATACAAAAGATGCAGAGAAGTCC
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 CTCAAAAATAAAATACTGGCAAAAAGAGATTTCAAAAAATAAATACATCCTGTGAAGATAAACCTGTT
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 TTTTCTGAAGGAATCATGTTCAAGTGTTCGACCACCTAAGAAAAGTTGGAAGAAGATCTTAACTTTCA
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 ACTTCATGGATGAGATTGATGCCGCTCTGGATTTTAAAAACGTGTCTATTGTTGATTCTATATACGA
 GCAAAACAAAAATGCACAGTTTATAAATCTCTCTTGGAAATATATGTTTGAGATTTAGATAGACTT
 ATTGGCATCTATAAAACATATAAATTACAAAAAGTGTTCAGTGAACCCAAAAGAAATGATCTAAAG
 GACTCTGTGA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001037185
- Insert Size:** 3861 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_001037185.2, NP_001032262.2

RefSeq Size: 4241 bp

RefSeq ORF: 3861 bp

Locus ID: 295107

Cytogenetics: 2q32