

Product datasheet for RN211255

Smc2 (NM_001108666) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smc2 (NM_001108666) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smc2
Synonyms:	CAP-E; CAPE; Smc2l1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211255 representing NM_001108666 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTATGTTAAATCAATCATTCTCGAAGGATTCAAGTCTATGCACAAAGGACTGAAGTCAATGGTTTTG
ACCCCTCTTCAATGCGATCACTGGTTTGAATGGTAGTGGAAAAATCCAATATATTGGATTCCATATGCTT
TCTCCTAGGCATCTCAACCTGTCTCAGGTTTCGGGCTTCAAATTTACAAGATCTGGTTTAAAAACGGA
CAGGCTGGAATCACCAAAGCCTCTGTTTCAATCACTTTTGATAATTCTGACAAAAAGCAGAGTCCATTAG
GATTTGAAGCTCATGATGAAATCACTGTAAACAAGACAGGTGGTTATTGGTGGCAGAAATAAATACTTAAT
CAATGGAGTGAATGCCAACACACCAGAGTCCAGGATCTTTTTGTTCTGTGGCCTGAACGTGAATAAC
CCTCACTTTCTCATGTCAGGGCAGAATTACGAAAGTATTAATATGAAACCACAGAGATATTATCCA
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AGAAGAACTGGAATCGAAATTGTGTAAAAGGACTTGTAGCTTCTCTGATAAATGTGAAAGATAATTCTAC
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CATAATTAAGATAAATGTGCGGAAGTGGCAAAACACAATTTGCAAAAACATGATTCTCAGCTTAAAT
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TGTTGAATGATTGACTGGATTAATGCTGAGAAAACACCTCTTTGGCCAACCTAATAGTGCCATGATTT
CAAAACAAACAACCCCAAAGAAGCTGGCCAGAGACTTCAGAAGTTGCAAGAAGTAAAAGAGAACTAGGG
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AGAAAAGAATTGTAGAAAATGACAAATCCAAAATCCTTGCAACTATAGAAGATCTTGACCAGAAGAAAA
TCAGGCCCTAAATATTGCTTGGCAAAAGGTGAACAAAGACTTTGGCTCTATTTTTCTACCTTTTGCCT
GGTGCCAAATGCTATGCTTGCACCACAGAAAGGCAGACAGTTTTAGATGGTCTGGAGTTCAAGGTTGCCT
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AATATTGTCCATGCTCCTCTTCAAACCTGCTCCAATTTATATCTTGGACGAGGTGGATGCGGCCTTAGAT
CTTTCTCATACCCAGAACATCGGACAGATGCTGCGAACTCACTTCACACATTCTCAATTCATTGTGGTAT
CCCTCAAAGAAGGTATGTTCAACAATGCAAACGTTCTCTTCAAACCAAGTTTGTGGATGGTGTCTAC
AGTAGCCAGATTTACACAGAGTCAAATGGGAGGATCCAAGGAGGCAAGGCCAAGGCCAAGGCCAAGGCC
AGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108666

Insert Size:

3576 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_001108666.3, NP_001102136.2

RefSeq Size: 5273 bp

RefSeq ORF: 3576 bp

Locus ID: 362519

Cytogenetics: 5q23