

Product datasheet for RN214292

Smoc1 (NM_001002835) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Smoc1 (NM_001002835) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Smoc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214292 representing NM_001002835 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCCCGCGCGTCCGTCTGCTCACGCCCACTTGTGCTCCTGTTGGTGCAATTGTCCCGGCCG
GCGGCCACCGCACCCGCCCCAGGTTTCTAATAAGTGACCGTGACCCCTCCGTGCAACCCCACTGCC
CAGGACTCAACCAAGCCATCTGCGCTGACGGCAGGTCCTATGAGTCCATGTGTGAGTACAGAGA
GCCAAGTGCCGAGACCCCTGCCCTGGCCGTGGTCCATCGAGGTAGATGCAAAGATGCTGGCCAAAGCAAGT
GTCGCTGGAGAGGGCTCAGGCCTTGAACAAGCAAGAAGCCCCAGGAGGCTGTGTTTGTCCAGAGTG
TGGCGAGGATGGTTCCTCACACAGGTGCACTGTCATACGTACACAGGTAAGTGTGTTGTCACCCCA
GACGGGAAGCCCATCAGTGGCTCGTCCGTGCAATAAACTCCTGTATGTTTCCAGTCCAGTCACTGACA
AGCCCTTGAGCCAGGTAAGTCAAGGAAGAAAGATGATGGCTCTAAACCCAGCCACGATGGAGACCCA
GCCTGTGTTTCGATGGAGATGAAATCACAGCCCTACCTTATGGATTAAGCACTTGGTAATCAAAGACTCC
AAATTGAATAACACCAATGTAAGAAATTCAGAGAAAGTCCATTCTGTGACCAGGAGAGACAGAGCGCCC
TGAAGAGGCCCGCAGAATCCTCGAGAGGGCATTGTGATCCCGAGTGTCTCCTGGTGGGCTCTATAA
GCCGGTGAATGCCACCAATCCACGGGCTACTGCTGGTGTGCTCCTAGTGGACACAGGACGCCCAATTGCCG
GGGACTTCCACACGGTATGTGATGCCAAGTTGTGAGAGTGACGCCAGAGCCAAGAGTGTAGAGGTGGATG
ACCTTTCAAGGACAGGGAGTTACCAGGCTGTCCTGAAGGGAAGAAGATGGAATTTATCACCAGCCTGCT
GGATGCCCTCACCACAGACATGGTTTCCAGCCATTAAGTCAAGCAGCGCCCACTGGAGGTGGGAGGTTCTCA
GAGCCAGACCCACGCCACCCCTGGAGGAGCGGTTGGCACACTGGTACTTCAAGCCAGTGGATAGCAACA
GCAGTGTGACATTAACAAGCGGGAGATGAAACCGTTCAAGCGCTATGTGAAGAAGAAAGCAAGCCCAA
GAAGTGCGCCCGCGCTTCAAGGACTACTGTGACCTGAACAAGGATAAGGCCATCTCGCTGCCTGAGCTG
AAGGGTGCCTGGGTGTTAGCAAAGAAGTGGTAGCCTTGGCAGCTTCCCTCAGGAAAACGAGCAGGCA
CAATCCATTTCATTGGACGTCTCGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001002835
Insert Size:	1359 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_001002835.1</u> , <u>NP_001002835.1</u>
RefSeq Size:	1359 bp
RefSeq ORF:	1359 bp
Locus ID:	314280
Cytogenetics:	6q24
Gene Summary:	human homolog binds calcium and may play a role in the extracellular matrix [RGD, Feb 2006]