

Product datasheet for **RN211528**

Mocs3 (NM_001107804) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mocs3 (NM_001107804) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mocs3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211528 representing NM_001107804
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCTGCCCCGGAGGACGTAGCAGCCTTACAAGATGAGATTGCCCGCGCTGAGGAAGAGCTAGCTTCGC
 TAAAGCAGAGGCTGGCTGCAGCCCTAGCGGTTGAGCCGGAGCCGAGCGTCCGATCCCGTAATGCCGCT
 GCCGTCCAGGGCCGCGCTGTCGCGGACGAGATCTACGCTATAGCCGCCAGCTGCTGCTGCCGGAGCTG
 GGCGTGCAGGTCAGCTGCGCCTGGCAGCCGCTTCTGTGCTGGTGGTGGGCTGCGCGGGGCTGGGCTGCC
 CGCTTGCTCAGTACCTGGCGGCGCCGGCGTGGCCGTTTGGTTTGGTGGACCACGACGTGGTGGAGAC
 GAGCAATCTAGCCGTCAGGTGCTGCACGGGAGGCGCAGGCAGGGCATGCCAAGCTTGGTGGCGGCC
 GCGGCGCTGCGCCGCTCAACTCGGCGGTGGAGTATGTGCCCTATGCGCGCGCTCAGCGAGGCTTGGG
 CGCTCGACCTGGTCCGTGGCTACGATGTGGTGGCCGACTGCTCGGACAATGTGCCACGCGCTACCTGGT
 GAACGATGCGTGCTGCTGGCCGCGCCGCTAGTGTCTGCCAGTGCCTGCGCTTCGAGGGTCAGATG
 ACCGTCTATCACTACGATGATGGCCCTGCTACCGCTGCGTGTTCCCTCGGCCGCCCCGCGCCGAGACGG
 TGAATAATTGTCGGATGGCGGCGTGTCTCGGAGTGGTGGCCGGTGTACTAGGCTGCGTGCAAGCCCTCGA
 GGTGCTCAAGATCGCTGCTGGCCTCGGGACCACCTACAGCGGTAGCATGCTACTCTTCGACGGCCTCGGG
 GGCCATTTCCGCAGGATCCGGCTGCGGCGCCGTCGGCCGACTGCGTCTGTGCGGTGAGCAGCCACCG
 TGACCTGCCTGAAGAATATGAGGCTTCTGCGGCTCCTCAGCCACCGACAAGTGCCGCTCCTTGAAGCT
 CCTGAGCCCCGAGGAGCGGATTTCTGTGACTGACTACAAGCGGCTTCTGGATTCTGGGGTACCCACGTG
 TTGCTGGACGTTTCGCCCTCAAGTAGAGGTGGACATTTGCCGTCTGCAGCATTCTCTCCACATCCCTTTGA
 GTCTGTTGGAACGCAGGATGCAGACAGCCTGAAACTCTTAGGGGCTGCCCTCCAGGAGGAGAAGCGAAA
 TTCACAGGAAGGAGCTGCTCTTGCCGTGTATGTGATTTGCAAACTGGGGAACGACTCACAGAAAGCTGTG
 AGGGTCTGCAGTCCTTAACAGCAGTGCCAGAGTTAGACTCTTTAAAGTTCAAGACATTTGGGGGGAC
 TCATGGCTGGGCTGCCAAAATTGATGGGACTTTTCCACAGT**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107804

Insert Size: 1377 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_001107804.1, NP_001101274.1

RefSeq Size:	1961 bp
RefSeq ORF:	1377 bp
Locus ID:	311655
Cytogenetics:	3q42