

Product datasheet for **RN208622**

Oxsm (NM_001100508) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oxsm (NM_001100508) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Oxsm
Synonyms:	RGD1311092
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208622 representing NM_001100508
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGTCAAAGTGCTTGAACATTTTCTAAAAGCCCATCTGTATCCAGCATCATATTGTTGGTTAATAA
 GCAAGCACAAAGTTTTCTGGAAGTGTGCCAGCAGCCGGTTCGCGCAGGCGAGTTGTATCACAGGCATTGG
 ACTAGTGACACCACTTGGCGTTGGGACTCAACTAGTTTGGGATCGGCTTCTCCGAGGAGAAAAGTGAATT
 GTTTCTGTAGTTGGTGTAGTACAAGAGTATTCTTGCAGTGTAGCTGCTTTTGTACCAAGAGGTTTCAG
 ATAAAGGTCAGTTAATGAACAAAACCTTGTGTCCAAATCAGATGCCAAGTCCATGCTCTCCCACCAT
 CATGGCGTCCGAGCAGCAGAGTTGGCCCTGAAAGACTCCGGCTGGTATCCAAAAGTGAAGCAGATCAG
 GTGGCTACTGGCGTTGCCATTGGCATGGGCATGGTTCTCTGGAAGTTGTTTCTGAAACTGCTTTAATGT
 TTCAAACCAAAGTTATAGTAAAGTAAGCCCATCTTTGTCCCTAAGATTCTGATCAATATGGCTGCAGG
 CCAGGTCAGATTGCTACAAACTCAAAGGCCCAATCATTCAGTGTCTACAGCCTGTACCAGGGTGCA
 CATGCTGTGGGAGACTCTTTAGACTTATAGCCATGGTGACGCAGATGTGATGGTGGCTGGAGGCACAG
 ACTCTTGATTAGTCCGTTATCTCTCGCTGGGTTTTCCAGAGCCCGGGCTCTAAGCACGAACCCAGATCC
 TAAGCTGGCCTGCCGACCATTTTCATCCAGAAAGAGATGGTTTTGTGATGGGTGAGGGAGCTGCTGTACTG
 GTGCTAGAAGAACATGAACATGCTGTTCCAGAGAGGAGCCCGGATCTACGCAGAAGTTTGGGTTATGGAC
 TCTCAGGTGATGCTGGTACATAACTGCCCCCGATCCTGAAGGAGAAGGTGCTTTAAGATGCATGGCTGC
 TGCTGTAAAAGATGCAGGCGTATCACCTGATCAGATATCCTATGTCAACGCACATGCCACCTCCACACCA
 CTGGGTGACGCTGCTGAGAACAGAGCCATCAAGAGGCTCTTTAGGACCATGCTCGTGCCTCGCCATAT
 CCTCCACAAAGGAGCCACGGGGCATCTTCTGGGAGCTGCAGGGGCGAGTGCAGGCAGCTTTCAGTGCAT
 GGCTTGTACCATCACAAACTACCGCCAACCTTAAACCTGGATTGTACAGAGGCAGAATTTGATCTCAAT
 TATGTTCCACTGGAGGCACAGGAATGAAAACCGAGGGTCGATGTATTGACTCACCAATTCCTTCGGGT
 TTGGTGTACTAATGCGACACTTTGATTGCTGGCATG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100508

Insert Size: 1371 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_001100508.1, NP_001093978.1
RefSeq Size: 2744 bp
RefSeq ORF: 1371 bp
Locus ID: 289934
Cytogenetics: 15p16