

Product datasheet for **RN217177**

Sat11 (NM_001163543) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sat11 (NM_001163543) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sat11
Synonyms:	RGD1565932
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217177 representing NM_001163543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATCCATCAGGCAAGAACCAATCAGGTATGACTCAGTCAGGTTTAAGCCAACCAAGTTATGAGCCCCAC
 CAGGCCCAGGCCATACAACATGCAACAACCAGGGCCAAGCCAACCATACACGAGCCAGCCAAGCATGAA
 CCAACCAAGCAGCAACAACCAGGTGTGACAAGACCAGTCTCATGCCAAGTAGATATAAACCAACCAGGC
 CTGGGCCAATCAAATATAAAAACAATCATGGACAAGCACAACAACCAGGCATATAAAAAACAGACCTGA
 GCCAACAAAGTATGAGAGAGTCAGACCCAAGACAAGTGGGTATGAAACAATTAATTTCAAGTCAACCAGC
 AGCCATGAACCAACAGGTCTATGGCAACCAGGCCACCTACTCCAATATGAAACAAATAAACACATGG
 CAATGGGACCCAGAGTATTCAGGCAGGGGACCACCAGACATGTGGCAAAATAACCAAAATAATCAGGGAA
 CAAAGCAATCAGATACAGTGAACAAGACCCAAGCTATGCAGGACAGAAACAACCAGACACATGGAACA
 GGATCCAGGAATGAAAGAAACAGATTTATGGCAATGGGGGCCAAGCCCCCAAGTATGAGACAAACAGAT
 GCATGGCAATGGGACCCAGACCACCAGGCAGCAACAATCAAATTCATGGCAACCACAACCTAAATCCCT
 CATCTCCCAGACAATTAACTTGAGACAAGCAAGTCCCCTGATCAAGGTATGAAGCAATCTGATATGTG
 TCAACCAGGCCCTAGTCAACAAGGCAACAGACAATCAAGCACAGGGCAACAGAGCCCTGGCCAACAATGT
 ACAAGACATTCAGTCACATGGCAAGCAGGTCTAGCGAAGAAGGAAAGAAACTGTGAGGTGCGTGGCAAG
 TGGGCCTCAATCATTAGGTATGGAGCAGTTTAAACACATGTCAAACAGGCTTCAGCCAACCGTACAACAT
 GTGTCAATTAGGACCCAGCCAATCAAGCATGAAAGAATTGGACATGTGGCAATCAGGCAGCAGCCAACCA
 GACATGAAAGATCTGGATGTATGGCAATCAGGCACCAGCCAACCAGGCATGAAACAGATGGATCCATGGC
 AATGGAATCCCAACTACCTAGTCAAGACACAATCAGACAATGGCCACCAGGCCCCAGCCCTCTGGATAT
 AAGACAATTGGATTCATGGCAACCAGGTCAATCTGGCATGAAATATTCAGACTCAGGGCCATGGGATCCA
 AGCCGGCCAGGTATGATACACTCAGATTTATGGCACCCAAGTCTCAGCCAATTAGGCACAAGACAATTTG
 ATACATGGCCACAAAATTACAACATGCCTGGTGAAGACAATTATACACATGGCATCCAACGCCAAGTTA
 CTCAAGCACAAGACAATCAGAAAAATGGCAATCTACCCTGGCAACACAAAACATGAAACAATCAGATAAT
 TGGGAAACAGTGCCAAGGCAATCAGGAACCACTCAATTAGGGACAATCAATTAGATACAAACCAACCTG
 ATGGCACCAAAATCAAACCAAGGAGTAAAGACACACTCAGTTAAATCTGAACCAAGTCCAAGCAAACCAGA
 GTTGACAGGTAGTTCATTAGACACTAGCCAATCAGACTTAAGTCAACTAGGCATAAGCCAACCCGGTAAA
 AGTCAATTAGAGCCAGGTGAATCAAGCATGAGTGAATTAAGTGAACGTCAACAAGGAGTGACACAATCAG
 TCCGGAAAAAAGATTCTTGTGCTTTCTACATAAGACCTGCTGAGCCTCAAGACTGCCAGATATCCTGAG
 ACTGATTAAGAAGACTGGCTACCTATGAAGGCACGCAAGAAAAGGTGTCATTAACGAACTGGATTTATTC
 AAGGATGGTTTTGGGGAAAAACCACTTTTCTACTGCCTGGTTGCTGAAGCGCCCAGTAAACAAGCAGAAAT
 CAGGAGTAAAAATTATTGGATTTGCCATGTACTACTTCACTTACGACCCACGGATTGGCAAACCTGCTTCA
 CCTGGAGGATTTTTATACACTGAAGATTATCAAGGTCTAGGTATTGGGGCTGACATGCTGAAGAAGCTA
 AGTCAGATAGCCATAAACACCCGGATGTAGTGGCATGCAGTTTCTTGTATCATTGGGAATCAGGATTCG
 TTGAGTATTACACTCGCCTAGGGCTTTAGACCTTTCTGCGAGGAAGGCTGGCATTGTTCAGATTTAA
 CATGGAAGATCTCTGGAACCTGCCGAGGAAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001163543
Insert Size: 2277 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001163543.1, NP_001157015.1</u>
RefSeq Size:	2407 bp
RefSeq ORF:	2277 bp
Locus ID:	302325
Cytogenetics:	Xq31