

Product datasheet for **RR206981**

Sat2 (NM_001108278) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sat2 (NM_001108278) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Sat2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR206981 representing NM_001108278
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCCACGCGAATCCGAGAGGCCAAGGAGAGCGATTGTGGAGACATTATGAGGATGATTCGGGAAC
TGGCAGAGTTCGAGAACTGTCCATCAGTGAAGATCAGTGAAGAAGCCCTGAGAGCAGATGGCTTTGG
AGAGAACCCTTTCTTTCACTGTTTGGTGGCAGAGATTATCCAGCCCTGGGGAGCCACAAGGGTCCCTT
GTGGTGGGCTACGGGCTCTACTCTTACTCTACAGCACATGGACCGGACGAAACATTTATCTGGAAGACA
TCTATGTGATGCCGAAATATCGGGTCAAGGGATTGGTACCAAAATAATCAAAAAGGTGGCTGAGGTCGC
TCTGCGTAAGGGGTGCTCCAGTTCGCTGGCAGTTCTGAACTGGAACAAGAAGGCCGTGAACTTGATC
AAGTTTCTAGGGGCTCAAGATCTGACCGAATCGGAAGGCTGGCTCTCCTTTCGATTTGAAGGAGAGGCAA
TGAGGGAGTTGGCCGGATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR206981 representing NM_001108278
Red=Cloning site Green=Tags(s)

MASTRIEAKESDCGDIRMIRELAEFEKLSHQVKISEEALRADFGENPFFHCLVAEIIPAPGEPQGS
VVGYYLYFYIYSTWTGRNIYLEDIYVMPKYRGGIGTKI IKKVAEVALRKGCSQFRLAVLNWNKAVNLY
KFLGAQDLTESEGWLSFRFEGEAMRELAGC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



[View online »](#)

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_001108278.1, NP_001101748.1</u>
RefSeq Size:	870 bp
RefSeq ORF:	513 bp
Locus ID:	360547
Cytogenetics:	10q24
MW:	19.3 kDa