

Product datasheet for **RN205631**

Swt1 (NM_001105960) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Swt1 (NM_001105960) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Swt1
Synonyms:	RGD1308695
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205631 representing NM_001105960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTTTGTACTACCACTGCCACAAAGCTTGAGACTGTTTATGACCATAAGTTTCCAAAGATGTCTA
 TCAAAGAATCTTGTGAAAGGAAGAAAAGTCTCAGAAAAACAGACTACCTCTTACCAACTTTTGATGA
 AGACAAGAAAGAGGGAGAAATCTCAGCAGGTTCTACTAGTTTCAAGAACTGTGTTAAGCCTGTTTCAACC
 AAGAAGAGAAAAGTAAACAGATGATACAGACATTGTATACTATAATACAAACAGAAAAACAGTATGA
 AAAGATTAAATGTAGAAGTTGGCCTGCCTAAAAAGAGACCAAAATTCAGTTCTTCGACCAAGTAGCATC
 ATATTTAAACAGTAACCAAACTACTTTACAGTAGTTTATCAGATGGAGCTAAAGATACTAACTTAA
 GATTGTAAATTGACAAATATTGGAAGTAAGCTTGATTATGAAATAAAAAGCCGTAGTCTTATTAATTA
 CCAAGATATGAAATCTAAAGCTGAAGACAGACAAAGGAAAAGAATTGGCCTTCTTTACTTATTCAGAA
 GAAGATGAAGGAGCTCAAGAAAGAAAAACAATAAGACAGTTCTGAAGAATTGAGAAATGCACGAAA
 AACCAACCTCCTCAGAATTATAATTTACGCAATATAATCAAGGAACCACTTGAATCAGGAAGAAAGAAGA
 TCAGCTTCAAAATTCAAAAAAATCCTCTAGTGCCTCCAGAAGCTTGCAGAAGAAAACATCTTTAGTGT
 GGATTCAGTAAGTCAAAGAGTAAGCAGGAGGGGAAGGAACACTTGCAGAGTACCGGGTGTCTTAAGT
 CTGGAGAGGCACAAAAGTAAACTTGTCTTTCAGAGTCTACACATAAGCACACTGTTTGTGAGAGGAGAA
 GAGAGTACCATCTCGAGCACCAAGAAACAAATGGTTTCAAGTCTAAGGAAAAGTGGCCAGAGTTTGA
 AACACCATGCTCTTCAAGTGTCTGAGACTATCCAAGATACAGATGAAGAGATGCAGATAGTGAAGAG
 CTTTATGCTGCACGCTGGGAAAAGTGGACTTACCTGCAGGTCCACCATCTGGGAGCTAATGAGTA
 TGGAAATTGACTTGGTGGAGGATGATGTGCTTCTTCTGCTGATATACTCTCAAACTGCCTCAGACAA
 AAAGCTTCTAATTGTTATTGACACAAATATTCTGATGAATCATCTCAAATTTGTTAGAATTTGAAGACG
 ACAGAAATACCAGGATTTGACACACTTGTGTTAATAATCCCTGGGTGGTTATGCAAGAGCTCGATCGTA
 TGAAGGCAGGAAAATTACTAAAACATGTCCAGCATAAGCTGTACCTGCAATTCATTTTATCAACGACAG
 CCTCAAAGTCAAGATAGAAAGCTATGGGGTCACTTACAGCTGGCCTCCCAAAAGCTTATGGATTG
 AGTGATGAGAACATGATGATCGAGTATTAAGTGCTGTCTTCACTACCAGGAATTATCCCATGTTCTC
 TTGTTATTCTGTGCACGATGATAGAAATTTAAGAAAGTAAAGGCTAATAAGTGGTGTAAATCACTCAG
 TAAAGAAGAGCTGGATACAGAGATATTAATTTAACTCTGAACACAGATTTGTGTCATCAGCCTTATATT
 TCTAAGCAACAGTTGAAAGCAGAGTACCACCTACAGAAGAGACTTCTAAGGAAGAATCTACAAATCTG
 GACTGTCCATTCTACTGAACGATTATATGTGACCTTGAAGAAATGTCTCGGAACAGCTTATCTTCAAT
 ATTAGAACAGAAATGAAATGCTTTTGGAAATCTTTGGATGGAGGTGCTGTATTTGAAACCACCATGG
 ACTCTAATAAATCTATTACAGTGCTTTAAAAAGCATTGGCTGGCTGTATTTGGATTAGTTATGAAAAATA
 ACTTGCTTGAATCTATTGAGAGCTATATGACAATCTCTCCAAAGCAAAATAAGCAGTGGATTTTACAAC
 AGTGAAATCTTGCTTCAGGATCTAAAAGTTTGTACATGCCTTCAGTACAAGGTCAAATATGATGGA
 ATTCTTCCCAGACCTTTGCTCAAGTAAACAACTACTACAAGTACTCGCAGAGGTCAAGACAAAAGTAA
 AGCCAACTCTTCAGAAAGCACAATGAGTAAAAAGCAGGAAGACACTTTGATGAAGCTTCATAACCAAGA
 AGTCACTGTTTTCTTGATTCTCATCTCCCGAGTTACCAGGCATCAAGAAATCTGGTCTGCTGCTGGAG
 AACGTTTGGACTTCAATATATCAGAACAGCACAGATGATTTCAAACACTGGACTCAAGTTCAACCCCTGA
 CAACCTTCAAAAATAGCATCATTTGAAGAAGCTTTTATATATCTTCAAAGTTAATGGTGGCTGTGAAGGA
 TATTCTTGAAGGAATTCAAAGGATTTTGGCTCCTAATAGTAATTGCCAAGATGTTGAGACTCTCTATAAC
 TTCCTAATCAAGTATGAGGTAACAAAAATGTCAGATTCACTGCCAGGAACCTTACGATTGTGTTTCTC
 AGACTGAGTATCGGAAAAGTTAACCATTGGATGCCGCCAACTGATTGAGATGGAATACACCATGCAGCA
 GTGCAGTGCCTCCGTCTACATGGAGGCCGCAAGCAGAGGATGGTGTGAAGGCATGCTCAACAGCAGGACT
 TAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_001105960
Insert Size:	2733 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:	<u>NM_001105960.1</u> , <u>NP_001099430.1</u>
RefSeq Size:	3679 bp
RefSeq ORF:	2733 bp
Locus ID:	289088
Cytogenetics:	13q21