

## Product datasheet for **SC316346**

### SWI5 (NM\_001040011) Human Untagged Clone

#### Product data:

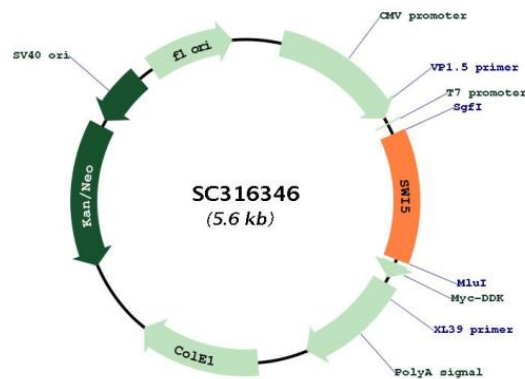
Product Type:	Expression Plasmids
Product Name:	SWI5 (NM_001040011) Human Untagged Clone
Tag:	Tag Free
Symbol:	SWI5
Synonyms:	C9orf119; SAE3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316346 representing NM_001040011. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCAGCGCGTGGCCAGAGGGACCTGTGGCGTCACAACAAAAGCTGCGCACGCAACCGCTGTCCCCGC
CCACCTCGGGAGAGGGGCGGGGCCGGCTTTCTTGGGTGCGCGCGCAGCTTTCTGTGCGCCAGTTCACA
CTCCGGTTCAGAGTTCCTGGCCCGTGCACCTGAGAGGTCGCTCTCCGACTCCCGCGCTGGACCCTCTT
GCGCCATTGAACCCCTGATCCGGGGCCTCGGACCCAGGGCTCAGGAGATGGATCCAGTCCCTGGCG
CTCCTACTTCCCACTGCTCCTCTCCCGCATCCCACAGTACCCCGTCTCACAGCGGGCTGTGGGTC
CAATCAGACTTTCCCTCGGATTCTCTAGGACTGAACCAAGACTTACCCGAAGTTGCCGCGGGGCC
TTCCGATCCCCTAGGCCATTGCCAAGTCTGGCCAGGCTGATGGGACCAGCGAGGAGTCTCTGCACCTT
GACATTCAGAACTGAAGGAGAAGAGGGACATGCTGGACAAGGAGATCTCCAGTTCGTATCTGAAGGC
TACAGTGTGGATGAAGTGGAGGACCACATTACCCAGCTTACAGAGTACAATGACATCAAGGATGTGGGG
CAGATGCTGATGGGCAAAGTGTGATCCGAGGTGTACCACCAAGAGTTGTATCCAGAGTTTGGG
CTGGACATGAATGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

**Plasmid Map:**


**ACCN:** NM\_001040011

**Insert Size:** 708 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001040011.1](#)

RefSeq Size: 1004 bp

RefSeq ORF: 708 bp

Locus ID: 375757

UniProt ID: [Q1ZZU3](#)

Cytogenetics: 9q34.11

MW: 26.7 kDa

**Gene Summary:** Component of the SWI5-SFR1 complex, a complex required for double-strand break repair via homologous recombination.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).