

Product datasheet for **SC304412**

VCX2 (NM_016378) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VCX2 (NM_016378) Human Untagged Clone
Tag:	Tag Free
Symbol:	VCX2
Synonyms:	VCX-2r; VCX2R; VCXB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304412 representing NM_016378. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGAGTCCAAAGCCGAGAGCCTCGGGACCTCCGGCCAAGGCCACGGAGGCAGGAAAGAGGAAGTCCTCC
TCTCAGCCGAGCCCCAGTGACCCGAAGAAGAAGACTACCAAGGTGGCCAAGAAGGGAAAAGCAGTTCGT
AGAGGGAGACGCGGGAAGAAAGGGGCTGCGACAAAGATGGCGGCCGTGACGGCACCTGAGGCGGAGAGC
GCGCCAGCGGCACCCGGCCCCAGCGACCAGCCAGCCAGGAGCTCCCTCAGCACGAGCTGCCGCCGGAG
GAGCCAGTGAGCGAGGGGACCCAGCACGCCCCCTGAGTCAGGAGAGCGAGGTGGAAGAACCAGTGTGAT
CAGGAGAGCGAGGTGGAAGAACCAGTACTGTGTGGATGGCCAGCTTTTCCCTGTCTCCGAGAGCACC
GACTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCCGC
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016378
Insert Size:	420 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).



[View online »](#)

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:	<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:	NM_016378.3
RefSeq Size:	815 bp
RefSeq ORF:	420 bp
Locus ID:	51480
UniProt ID:	Q9H322
Cytogenetics:	Xp22.31
MW:	14.7 kDa
Gene Summary:	This gene belongs to the VCX/Y gene family, which has multiple members on both X and Y chromosomes that are expressed exclusively in male germ cells. The VCX gene cluster is polymorphic in terms of copy number; different individuals may have a different number of VCX genes. This gene contains two copies of a 30 nt tandem repeat. Deletion of a nearby member of this family was implicated in cognitive disability. [provided by RefSeq, Feb 2015]