

## Product datasheet for SC304113

### VENTX (NM\_014468) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	VENTX (NM_014468) Human Untagged Clone
Tag:	Tag Free
Symbol:	VENTX
Synonyms:	HPX42B; NA88A; VENTX2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304113 representing NM_014468. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCCTCTCCTCCTCCACCTCGTGGCCCGCAGCAGCTCTCCAGCTTTGGCTCCGTGGACTGGCTC
TCCAGAGCAGCTGCTCAGGGCCGACCCACACCCCGAGCCTGCCGACTTCTCCTGGGGAGCCTCCCT
GGCCAGGCCAGACATCCGGCGCCCGGGAGCCCTCAGGCCGTGAGCATCAAGGAGGCCCGGGTCC
TCAAATCTGCCTGCGCCGAGAGGACCATGGCCGGTTGAGTAAGGAGCCAAATACCTTGCGGGCCCC
CGTGTCCGCACAGCCTTACCATGGAGCAGTCCGCACCTTGGAGGGCTTCCAGCACCACCAGTAC
CTGAGCCCTCTGGAGCGAAGAGGCTGGCCAGGAGATGCAGCTCTCAGAGGTCCAGATAAAAACCTGG
TTTCAGAAATCGCCGATGAAACACAAACGGCAAATGCAGGACCCCGAGCTGCACAGCCCTTCTCGGG
TCTCTCCATGCGCCCCAGCTTTCTACTCAACGTCTTCTGGCCTTGCCAATGGCCTGCAGCTGCTGTGC
CCTTGGGCACCCCTGTCCGGGCCAGGCTCTGATGCTGCCCCCTGGCTCCTTCTGGGGTCTCTGCCAA
GTGGCACAAGAGGCCCTGGCATCTGCGGGAGCTTCTGCTGCGGGCAGCCTCTGGCGTCCCACCCCT
ACCCAGGCCGGCCTTCGCTGGGACCAGCCTGTCCACGGGGCCCGGGGCTGTGTGCTATGCCACAG
ACGGGGATGCATTTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_014468
Insert Size:	777 bp



[View online »](#)

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_014468.3</a></u>
<b>RefSeq Size:</b>	2422 bp
<b>RefSeq ORF:</b>	777 bp
<b>Locus ID:</b>	27287
<b>UniProt ID:</b>	<u><a href="#">O95231</a></u>
<b>Cytogenetics:</b>	10q26.3
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	27.6 kDa
<b>Gene Summary:</b>	This gene encodes a member of the Vent family of homeodomain proteins. The encoded protein may function as a transcriptional repressor and be involved in mesodermal patterning and hemopoietic stem cell maintenance. Multiple pseudogenes exist for this gene. A transcribed pseudogene located on chromosome X may lead to antigen production in certain melanomas. [provided by RefSeq, Jul 2008]