

## Product datasheet for **SC334777**

### VNN3 (NM\_001291702) Human Untagged Clone

#### Product data:

|                           |                                                                                                      |
|---------------------------|------------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                                  |
| Product Name:             | VNN3 (NM_001291702) Human Untagged Clone                                                             |
| Tag:                      | Tag Free                                                                                             |
| Symbol:                   | VNN3                                                                                                 |
| Synonyms:                 | HSA238982                                                                                            |
| Mammalian Cell Selection: | Neomycin                                                                                             |
| Vector:                   | pCMV6-Entry (PS100001)                                                                               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                                                 |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_001291702, the custom clone sequence may differ by one or more nucleotides |

ATGGGAGTCAATCTACTTGCTGCAAATACCCACAACACCAGCATGCACATGACAGGGAGTGAATCTACG  
 CCCCAGAAGCAGTCAAGGTGTACCACTATGACATGGAAACAGAGAGTGGTCAGCTGTTGCTATCAGAACT  
 GAAGTCTCGGCCCGCCGTGAGCCACCTACCCTGCAGCTGTTGACTGGCATGCGTATGCCAGCAGTGTC  
 AAGCCATTTTCTCTGAACAGTCAGATTTCTGGGGATGATTTATTTTGATGAGTTTACCTTACCAAGC  
 TTAAGAGAAATACAGGAAATTACACAGCTTGCCAGAAAGATCTGTGTTGTCACCTAACTTACAAGATGTC  
 TGAGAAGCGAACAGACGAGATCTATGCCCTAGGTGCTTTTGATGGACTGCACACAGTAGAAGGCCAATAT  
 TACTTACAGATATGTGCATTACTGAAGTGTCAAACCACTGACCTGGAAACGTGTGGAGAACCTGTGGGGT  
 CAGCTTTTACCAAGTTTGAAGACTTCTCCCTCAGTGGCACATTTGGAACGCGTTATGTTTTCCACAGAT  
 CATTCTAAGTGGGAGTCAGCTTGCCCTGAAAGACATTATGAGATTTCAAGAGATGGACGCTTGAGGAGC  
 CGAAGTGGAGCCCTTTGCCTGTCTTAGTTATGGCCCTGTATGGAAGAGTGTTTGAGAAGGACCCTCCAC  
 GCTTAGGGCAGGGATCTGGGAAATTCAGTGA

Restriction Sites: SgfI-RsrII

ACCN: NM\_001291702

**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).


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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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>NM_001291702.1, NP_001278631.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 1769 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 732 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 55350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cytogenetics:</b>          | 6q23.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Families:</b>      | Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Gene Summary:</b>          | <p>This gene is the central gene in a cluster of three vanin genes on chromosome 6q23-q24. Extensive alternative splicing has been described; the two most common variants are represented as RefSeqs. [provided by RefSeq, Apr 2014]</p> <p>Transcript Variant: This variant (4) represents the longest transcript and encodes the longer isoform (a). Variants 4-9 all encode the same isoform (a).</p>                                                                                                               |