

## Product datasheet for SC327756

### VXN (NM\_152765) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | VXN (NM_152765) Human Untagged Clone  |
| Tag:                      | Tag Free  |
| Symbol:                   | VXN   |
| Synonyms:                 | C8orf46   |
| Mammalian Cell Selection: | Neomycin  |
| Vector:                   | pCMV6-Entry (PS100001)  |
| E. coli Selection:        | Kanamycin (25 ug/mL)  |
| Fully Sequenced ORF:      | >SC327756 representing NM_152765.<br>Blue=Insert sequence Red=Cloning site Green=Tag(s) |

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
 ATGATGCATCAGATTTACAGCTGCACTGACGAGAACATAGAAGTTTTCACCACCGTGATTCTTCCAAG  
 GTATCCAGTCCAGCCAGAAGAAGAGCCAAAAGCTCTCAGCACCTTTGACCAAGAATGTGGTGATCGAG  
 TCGGACCTGTACACGCACCGCCCTGGAGCTGCTGCCCCACCGCGGAGACCGCAGGGACCCTGGCGAC  
 CGCCGACAGTTTGGGCGGCTCCAGACCGCGCGGCCGCCACAGCCACCCGGCCAAAGCCTCTGCCAGA  
 CCCGTGGGATTCTGAACCCAAAACATCAAATCTGTGTGGGAATCGAGCATATGAAAAATCTCTGATA  
 CCGCCAGTGCCCCGGATCTCAGTGAAAATCTCAGCCTCTGCCTCATTGGAGGCGACAGCCATGGGCACA  
 GAGAAGGGAGCTGTTCTGATGAGAGGATCCAGACATCTCAAGAAGATGACTGAAGAGTATCCAGCCCTT  
 CCCCAAGGAGCAGAAGCCTCTCTACCACTGACAGGCAGTGCTTCCTGCGGCGTCCCCGGCATCTCCGG  
 AAAATGTGGACAAGGCACAAGAAGAAGTCTGAATATGTGGGAGCCACCAACAGCGCCTTTGAGGCCGAC  
 TAA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

|                    |  |
|--------------------|--|
| Restriction Sites: | SgfI-MluI  |
| ACCN:              | NM_152765  |
| Insert Size:       | 624 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). |


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|                               |   |
|-------------------------------|---|
| <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>                | <a href="#">NM_152765.3</a>   |
| <b>RefSeq Size:</b>           | 3471 bp   |
| <b>RefSeq ORF:</b>            | 624 bp  |
| <b>Locus ID:</b>              | 254778  |
| <b>UniProt ID:</b>            | <a href="#">Q8TAG6</a>  |
| <b>Cytogenetics:</b>          | 8q13.1  |
| <b>MW:</b>                    | 22.6 kDa  |
| <b>Gene Summary:</b>          | Required for neurogenesis in the neural plate and retina. Strongly cooperates with neural bHLH factors to promote neurogenesis.[UniProtKB/Swiss-Prot Function]  |