

Product datasheet for SC111561

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC111561 sequence for NM_152765 edited (data generated by NextGen Sequencing) <pre> ATGATGCATCAGATTTACAGCTGCAGTGACGAGAACATAGAAGTTTTCACCACCGTGATT CCTTCCAAGGTATCCAGTCCAGCCAGAAGAAGAGCCAAAAGCTCTCAGCACCTCTTGACC AAGAATGTGGTGATCGAGTCGGACCTGTACACGCACCCAGCCCTGGAGCTGCTGCCCCAC CGCGGAGACCGCAGGGACCCTGGCGACCGCCGAGGTTTGGGCGGCTCCAGACCGCGCGG CCGCCCCAGCCCAACCGGCCAAAGCCTCTGCCAGACCCGTGGGGATTTCTGAACCCAAA ACATCAAATCTGTGTGGGAATCGAGCATATGGAAAATCTCTGATACCGCCAGTGCCCCGG ATCTCAGTGAAAACCTTCAGCCTCTGCCTCATTGGAGGCGACAGCCATGGGCACAGAGAAG GGAGCTGTTCTGATGAGAGGATCCAGACATCTCAAGAAGATGACTGAAGAGTATCCAGCC CTTCCCCAAGGAGCAGAAGCCTCTCTACCACTGACAGGCAGTGCTTCCTGCGGCGTCCCC GGCATCCTCCGAAAATGTGGACAAGGCACAAGAAGAAGTCTGAATATGTGGGAGCCACC AACAGCGCCTTTGAGGCCGACTAA </pre>

Clone variation with respect to NM_152765.3



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152765 unedited TGTAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGGGATGCCTCGCGACTA GGGGTCCAGAGACAGAGGCTCCAGTTCAGGCACTTCGGGAAGAGGAGCTGAAATGA TGCATCAGATTTACAGCTGACGTGACGAGAACATAGAAGTTTTACCACCGTGATTCCTT CCAAGGTATCCAGTCCAGCCAGAAGAAGAGCCAAAAGCTCTCAGCACCTTTGACCAAGA ATGTGGTGATCGAGTCGGACCTGTACACGCACAGCCCCCTGGAGCTGCTGCCCCACCGCG GAGACCGCAGGGACCCTGGCGACCGCCGAGGTTTGGGCGGCTCCAGACCGCGCGGCCGC CCACAGCCACCCGGCCAAAGCCTCTGCCAGACCGTGGGGATTCTGAACCCAAAACAT CAAATCTGTGTGGAATCGAGCATATGGAATCTCTGATACCGCCAGTGCCCCGGATCT CAGTGAAGAACTTCAGCCTCTGCCTCATTGGAGGCGACAGCCATGGGCACAGAGAAGGGAG CTGTTCTGATGAGAGGATCCAGACATCTCAAGAAGATGACTGAAGAGTATCCAGCCCTTC CCCAAGGAGCAGAAGCCTCTCTACCACTGACAGGCAGTGCTTCTGCGGCGTCCCCGGCA TCCTCCGAAAAATGTGGACAAGGCACAAGAAGAAGTCTGAATATGTGGGAGCCACCAACA GCGCCTTTGAGGCCGACTAAAGGTGACCCTCTTCAAGTGCCCTGTGNTGGGCCAGGGTTC CCCGACAAGAGGAAAAACCTTCAGGATTGAAACTGAGCCACACGCACCTCTGCTAGTAG CTGGTCCAAACCCATTATCCTNCCTCACTATTGATACCTGGGATAGGGCACAGAAAG AAATGTN
Restriction Sites:	NotI-NotI
ACCN:	NM_152765
Insert Size:	2500 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).
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:	<u>NM_152765.2</u> , <u>NP_689978.1</u>
RefSeq Size:	3471 bp
RefSeq ORF:	621 bp
Locus ID:	254778
UniProt ID:	<u>Q8TAG6</u>
Cytogenetics:	8q13.1
Gene Summary:	Required for neurogenesis in the neural plate and retina. Strongly cooperates with neural bHLH factors to promote neurogenesis.[UniProtKB/Swiss-Prot Function]