

Product datasheet for RN216477

Vsx2 (NM_001169128) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vsx2 (NM_001169128) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vsx2
Synonyms:	Chx10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216477 representing NM_001169128 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGGGAAAGCGGGGAAGCGCTGAGCAAGCCTAAATCCGAGACAGTGGCCAAGAGTACCTCGGGG
GTGCCCCGGCCAGGTGCACAGGGTTCGGCATCCAGGAGATCCTAGGCTTGAACAAGGAGCCTCCAGCTC
CCACCCCGGGCTGCCCTGGACGGCCTGGCCCCGGGCATTTGTTAGCTGCGCGCTCTGTTCTCAGCCCC
GCAGGAGTGGGCAGCATGGGGCTGCTGGGGCCCGAGGGCTTCCCGGCTTCTACGCACAGCCACCTTCC
TGGAAGTGCTGTCCGATCCGCAGAGCGTCCACTTGCAGCCACTAGGCAGAGCGTCCGGGGCCGCTGGACAC
CAGCCAGACGGCCAGCTCCGATTCGGAAGATGTTTCTCCAGTGACCGAAAAATGTCCAATCGGCTTTA
AACCAGACCAAGAAACGTAAGAAGCGGCGACACAGGACAATCTTACTTCTACCAGCTAGAGGAGCTGG
AGAAGGCATTCAATGAAGCCACTACCCAGATGTCTACGCCCCGGGAGATGCTGGCCATGAAAACGGAGCT
ACCAGAAGACAGGATACAGGTGTGGTCCAGAACCGCAGAGCCAAATGGAGGAAGAGGGAGAAGTGTGG
GGCCGGAGCAGCGTCATGGCTGAGTACGGCCTCTATGGAGCCATGGTGGGCACTCCATCCCCCTGCCAG
AGTCCATCCTCAAGTCGGCCAAGGACGGCATCATGGATTCTGCGCCCCTTGGCTACTGGGATGCACAA
AAAGTCGCTGGAGCAGCAGCCGAGTCCGGAAGGAAGCCCGAGGTGGAACGCCAGGTCTGCCCAAACCTC
GACAAGATGGAGCAGGAGAAAGGGCCCCGGATGCTCAGGCAGCCATCTCCAGGAAGAACTGAGGGAGA
ACAGCATTGCGGCCCTCCAGCCAAAGCTCAGGAGCACAGCACCAGGTTCTGGGGACTGTATCCGGGCC
TGACGGCCTAGCCAGGAATGCTGAGAAGCCAGAAGAGGAGGAAGCCATGGACGAAGACAGGCCAGCAGAG
AAGCTCAGCCACCGCAGCTGGAGGACATGGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001169128



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Insert Size:	1086 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001169128.3, NP_001162599.1</u>
RefSeq Size:	3109 bp
RefSeq ORF:	1086 bp
Locus ID:	171360
Cytogenetics:	6q31
Gene Summary:	may be play a role in retinal progenitor cell proliferation [RGD, Feb 2006]