

Product datasheet for **RN202662**

Vax2 (NM_022637) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vax2 (NM_022637) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Vax2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202662 representing NM_022637 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGATGGGGGCGCGGAGCGGGACCGCGGCCCAAGCGCGGGAGGAGCCTGGTGGCCGACGCGGT
GTCGTGGGGAGCACCGCGGAGCGGAAGATTTGCGTGCTGACACGGGTAGCACGAGTCCGAGGGAGATTGC
TGGGACCTCCGCCTCCAGCCCTGCAGGCTCCAGGGAGAGCGGGGACAGCGACGGACAACAGGCGCTC
GGTGAGACGGACCACTGCCGCCGCATCCTGGTACGAGATGCCAAGGGGACCATTCCGGAAATTGTCCTGC
CCAAGGGCCTGGACCTCGACCGACCCAAGAGGACCCGTACCTCCTTCACAGCAGAACAGCTGTATCGTTT
GGAGATGGAGTTCCAGCGCTGCCAGTATGTGGTGGGCCGAGAGCGCACAGAGCTGGCCCGCCAGCTGAAC
CTCTCTGAGACTCAGGTGAAGTCTGGTTCCAGAACCGCCGACCAAGCAGAAGAAGGACCAGAGCAGAG
ACCTGGAAGAGCGGGCATCCTCCTCCGCCTTCGAGGCCTTTGCCACCTCCAACGTTCTGCGACTTCTGGA
ACAGGGCCGGCTGCTCTCCGTGCCAGAGCTCCAGCCTCCTAGCACTGAGCCCTGGCCTGCCAGGTCTA
ACCGCTGGCCACAGGGGACCTCCTTGGGTGACCCAGGAACCTCCCAACGCCTCAATCCAATGCCCT
CAGCCTCAGCGTCGTCCCTCTGCCACCCCTCTGCCAGCCGTCTGCTTTCCGCAGCTCCACTCCTGGA
CTTGCCCGCCAGCTACAACTGGGGTCTCGGCTTTTGAGCCCTACAGCAGACTAGAACAACAGAAAGTA
GGCAGCCCTGGCCAAAGTGACAAGAAAGCTGACATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_022637
Insert Size:	879 bp



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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_022637.1, NP_072159.1</u>
RefSeq Size:	879 bp
RefSeq ORF:	879 bp
Locus ID:	64572
UniProt ID:	<u>Q9JLZ9</u>
Cytogenetics:	4q34
Gene Summary:	mouse homolog is a transcription factor involved in development of the ventral optic vesicle [RGD, Feb 2006]