

Product datasheet for MC209704

Vax2 (NM_011912) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vax2 (NM_011912) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Vax2
Synonyms:	Dres93
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209704 representing NM_011912 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGATGGGGCGCGGAGCGGGACCGGCCCAAGCGCCGGGAGGAGCCTGGTGGCCGACGGGGC
GTCACGGAGAGCACCGCGGAGCGGAAGATTTGCGTGCTGACACAGGTAGCGCGAGTCCGAGGGAGATTGC
TGGGACCTCCGCCTCCAGCCCTGCGGGCTCCAGGGAGAGCGGAGGGGACAGCGACGGACAGCAGGGCGCTC
GGTGAGACAGACCACTGCCGCCCATCCTGGTACGAGATGCTAAGGGGACCATTCCGGAAATTTGCTTGC
CCAAGGGCCTGGACCTCGACCGACCAAGCGGACCCGACTTCCCTCACAGCAGAGCAGCTGTATCGTCT
GGAGATGGAGTTCCAGCGCTGCCAGTATGTGGTGGCCGAGAGCGCACTGAGTTGGCCCGACAGCTGAAC
CTCTCTGAGACTCAGGTGAAGGTCTGGTTCCAGAACCAGCAAGCAAGCAAGCAAGCAAGCAAGCAAGCAAG
ACCTGGAGAAGCGGGCATCCTCCTCTGCTTCCGAGGCCTTTGCCACCTCCAACGCTCTGCCGCTTCTGGA
ACAGGGCCGGCTGCTCTCCGTGCCAGGGCCCCAGCCTCCTAGCACTGACCCCTGGCCTGCCAGGCCTT
CCCGCCAGCCACAGGGGCACCTCCTTGGTTGACCCAGAACTCCTCCCCAGCCTCAATCCAATGCCCT
CGGCCTCGGCGTCTCCCTCTGCCACCCCTCTGCCAGCCATCTGCTTTTCTCAGCTCCACTCCTGGA
CTTGCTGCTGGCTACAACTGGGTCTCGGCTTTTGAGCCCTACAGCAGACTAGAACAACAGAAAAGTA
GGCAGCCCTGGCCAAAGTGACAAGAAAGCTGACATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_011912
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:	<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:	NM_011912.3 , NP_036042.1
RefSeq Size:	1233 bp
RefSeq ORF:	879 bp
Locus ID:	24113
UniProt ID:	Q9WTP9
Cytogenetics:	6 35.94 cM
Gene Summary:	<p>Transcription factor that may function in dorsoventral specification of the forebrain. Regulates the expression of Wnt signaling antagonists including the expression of a truncated TCF7L2 isoform that cannot bind CTNNB1 and acts therefore as a potent dominant-negative Wnt antagonist. Plays a crucial role in eye development and, in particular, in the specification of the ventral optic vesicle. May be a regulator of axial polarization in the retina.</p> <p>[UniProtKB/Swiss-Prot Function]</p>