

Product datasheet for RN207068

Pax2 (NM_001106361) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pax2 (NM_001106361) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pax2
Synonyms:	Pax-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207068 representing NM_001106361 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATATGCACTGCAAAGCAGACCCCTTCTCCGCGATGCACCGGCACGGGGTGTGAACCAGCTCGGGG
GGGTGTTTGTGAACGGCCGGCCCTACCCGACGTGGTGAGGCAGCGCATCGTGGAGCTGGCCACCAGGG
TGTGCGGCCCTGTGACATCTCCCGCAGCTGCGGGTCAGCCATGGCTGTGTGAGCAAAATCTGGGCAGG
TACTACGAGACTGGCAGCATCAAGCCCGAGTGATTGGTGGCTCCAAGCCCAAGGTGGCAACGCCAAAG
TGTTGGACAAGATTGCTGAATACAAGCGACAGAACCCGACTATGTTCCGCTGGGAGATCCGGGACAGGCT
GCTAGCTGAGGGCATCTGCGACAATGATACAGTTCAGCGTCTCATCCATCAACAGGATCATCCGACC
AAAGTTACAGCAGCCTTCCACCCAAACGCCGGATGGGGCAGGGACAGGAGTGACTGCCCTGGCCACACCA
TCGTTCCAGCACGGCCTCCCCTCCTGTTTCCAGCGCCTCTAACGACCCAGTGGGATCCTACTCCATCAA
CGGGATCCTGGGATTCCCTCGCTCCAACCGTGAGAAGAGGAAACGAGAGGAAGTCGAGGTATACACTGAT
CCTGCCACATTAGAGGAGGTGGAGTTTGATCTGGTCTGGACTTTAAGAGATGTGTCCGAGGGCTCTG
TCCCTAATGGAGACTCCAGAGTGGTGTGGACAGTTTGGGAAGCACCTGCGAGCCGACACCTTACCCCA
GCAGCAGCTGGAAGCTTTGGATCGAGTCTTTGAGCGTCTTCCATCCCGATGTCTTCAAGCATCAGAG
CACATCAATCAGAACAGGGGAATGAATACTCTCTCCAGCCCTGACCCCTGGGCTTGATGAAGTCAAGT
CCAGTCTATCTGCATCTACCAACCCCTGAGCTGGGCAGCAATGTGTCAGGCACACAGACGTACCCCGTCT
GACCGGTCTGATATGGCGAGCACCCTACCTGGTTACCCCTCATGTGCCCCCACTGGCCAGGGA
AGCTACCTACCTCCACCTGGCAGGAATGGTGCCTGGGAGCGAGTTCTCAGGCAACCCATACAGCCATC
CCCAGTACACCGCTACAATGAGGCTTGGAGATTCAGCAACCCCGCCTTACTAAGTTCCTTATTATTA
TAGTGCCGCCCCCGGGGCTCCGCCCTGCCGCTGCTGCCGCTGCCTATGACCGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106361
Insert Size:	1251 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:	<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_001106361.1</u> , <u>NP_001099831.1</u>
RefSeq Size:	1400 bp
RefSeq ORF:	1251 bp
Locus ID:	293992
Cytogenetics:	1q54