

Product datasheet for **RN212566**

Wiz (NM_001108064) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wiz (NM_001108064) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Wiz
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212566 representing NM_001108064
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGGGTTACTGGCAGGTGGCTGGCTGCCCGGATCGTCTCGAGGCCAGAGAGACTGCCTGGCC
 CAGCTCCAAGAGAGGACATCGAGGGTGGGGCTGAGGCTGCCGAAGGGGAAGGTGATATTTTCGATCTTC
 AACTACCTGCCATCACCAAGGAAGGCCCTCGAGACATTCTGGATGGCAGAAGTGGCATTCTGTGGCT
 AACTTCGACCCGGGCACCTTTAGCCTGATGAGATGTGACTTCTGTGGGGCTGGTTTTGATACCCGGGCTG
 GCCTCTCCAGTCATGCCCGGGCCACCTTCGTGACTTTGGCATCACCAACTGGGAGCTTACCATCTCACC
 CATCAACATCCTGCAGGAGCTGTTGGCCACCTCAGCAGCTGAGTTACCCCAAGTCCCCTGGGCCGTGAG
 CCTGGTGGGCTCCTGGAAGCTTCTGACTTCACGACGGCCACGCTTACCTCTCACCATGCCCTTCCCAC
 CTACCTGGGCTGAGGACCCTGGGCCAGTCTACGGAGATGCCAGAGCCTGACCACCTGTGAGGTCTGCGG
 TGCTGCTTTGAGACACGAAAGGGCCTGTCAGCCACGCACGTTACATCTGCGGCAGCTTGGGGTCGCA
 GAGTCAGAAAGCAGTGGTGTCTCCATCGACCTCCTCTACGAGCTGGTGAACAGAAAGGGCCTGCCTGACG
 CTCCCCTTGGGCTGCCCCCTAACCTGACCAAGAAGTCAAACCTACCAAAGGAGTTCGTTGCTGGGGCTGC
 CAGGCCTGGCCTACTCACCTGGCCAAACCTATGGATGCCCTGTGTCACAAAGCCATCAAAATCACCT
 CCTGGCTTCTCAGCCAAGGGCCTGACCCACCCATCCAGCTCTCCACTCCTCAAGAAGGCCCACTGACTC
 TGGCAGGATCCCCTACACCAAGAATCCTGAGGACAAGAGCCCCAGCTGTCCCTGAGTCCCCGGCCAAC
 TTCCCCAAAGGCTCAATGGCCCCAGTCTGAGGATGAGGGGCCGCTGAATCTCACTTCAGGCCAGAGCCA
 ACCAGGATATCCGGTGCAGTTCTGTGGTGTGAGTCTTTGAGAACAGAAAGGGCCTGTCTAGCCATGCGC
 GCTCCCACCTGCGCCAGATGGGTGTGACTGAGTGGTATGTGAATGGCTCGCCCATCGACACTGCGGGA
 AATCCTGAAGAGACGGACCCAATCCAGGCCAGGTGGACACTCCACCCACAGGTCTAGTCCAAAAGCC
 CTGGCCAAGATGGTGGGAGTGCAGTCTGGCAGCTCACTAGAAGCACGAAGTCCCTCTGATCTTCACA
 TCTCACCTCTGGCCAAGAAGTTGCCACTACCACCAGGCAGTCTCTGGGCCACTCCCGACTGCTTCTCC
 TCCTCCCACGGCCCGAAGATGTTCTCAGGCCTTGTACACCCTCCCTGCCAAGAACTGAAGCCTGAA
 CATATGAGAGTGGAGATCAAGAGGGAGATGCTGCCAGGGGCCCTCATGGGGAGCCACCCATCTGAGG
 GTCCCTGGGGTGCCTCGAGAAGATATGGCACCTTGAACCTGTCTCTCGGGCAGAGCCAGTTCGTGA
 TATCCGGTGCAGTTCTGTGGTGTGAGTCTTCGAGAACCAGAAAGGGCCTATCCAGCCATGCACGCTCCCAC
 CTGCGCCAGATGGGTGTGACTGAGTGGTCTGTCAATGGCTCCCCATCGACACACTTCGGGAGATCTGA
 AGAAGAAGTCAAAGCTGTGCCTCATAAAAAGAGCCTCCAGCTGGAGACCTGGCTCCTGCCTCACCGA
 AGATGGCTCTCCTACAGCAGCTCCTGGGGTTATGCATTCCCCTGCTCTGTACCCCTGGCTACCCGG
 CCAGGAAAACCAGGAGCTGGGCCAACCCAGGTTCCCCGGGAGCTCAGCCTGTACCCATCACAGGGTCCA
 AGCCCTCAGCTACGAGCTACCTGGGCCAGTGGCAACCAAGCGGCCCTCCAGGAGGACCGATTCTCCC
 AGCAGAGGTCAAGGCCAAGACCTACATCCAGACTGAACTGCCCTCAAGGCAAAGACTCTCCATGAGAAG
 ACCTCCCCTCCTCCACCGAGGCTGTGTGAGCTCTGTGGCCTTACTTTGAAAACCGCAAAGCCCTAG
 CCAGCCATGCGAGGGCACATCTGCGCAGTTCGGTGTGACGGAGTGGTGTGCAACGGCTCTCCCATCGA
 GACCTGAGCGAGTGGATCAAACACCGGCCTCAGAAAGTGGGTGCCTACCGAAGCTACATCCAGGGTGGC
 CGCCCCTTTACCAAGAAGTTCGCGAGTGTGCCATGGCCGTGACAGTGATAAGCGGCCACCCCTGGGGC
 TGGCACCTGGGGCCTGTCCCTGGTTGGCCGAAGTGTGGGGACGAACAGGGCCTGAAGCTGGCAGGGC
 AGCTGACAGTGGTGAACGGCCTCTGGCAACCAGCCCACCTGGGACCGTGAAGTCAGAGGAGCATCAGCGG
 CAAAATATCAACAAGTTTGAACGCAGACAAGCCCGCCCTCAGATGCCTCTGCAGCTCGGGGTGGTGAAG
 AAGCCAATGACCTGCAACAGAAGCTGGAAGAAGTGCGGCAACCCCAACCCGAGTCCGGCCAGTCCCCTC
 CCTGGTGCCTCGCCCCCCCCAACGTCACTGGTCAAGTTGTGGCAACATCTACACCCTTAAGTGCAGG
 TTCTGTGAAGTGAATTCAGGGCCACTCTATCCAGGAAGAGTGGGTACGGCATCTACAGCGGCACA
 TCCTGGAGATGAATTTTCCAAAGCAGACCCTCCGCTGAGGAGCCCCAGCCCCGAGGCACAGACAGC
 AGCTATAGAGGCACCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108064
Insert Size:	2889 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_001108064.1</u> , <u>NP_001101534.1</u>
RefSeq Size:	3959 bp
RefSeq ORF:	2889 bp
Locus ID:	314598
Cytogenetics:	7q11