

Product datasheet for **MR225021**

Wiz (NM_011717) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wiz (NM_011717) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Wiz
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR225021 representing NM_011717
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGGTTACTGGCAGGTGGCTGGCTGCCCGGATCATCTCGAGGCCCGCTCCAAGAGAGGACA
 TCGAGAGTGGGGCTGAGGCTGCTGAGGGGAAGGTGATATCTTTCCATCTTCTATTACCTGCCAATCAC
 CAAAGAAGGCCCTCGAGACATTCTGGATGGCAGAAGTGGCATTCTGTGGCTAACTTCGACCCGGGCACC
 TTTAGCCTGATGCGATGTGACTTCTGTGGGGCTGGTTTTGATACTCGGGCTGGCCTCTCCAGTCATGCC
 GGGCCACCTTCGTGACTTTGGCATCACCACCTGGGAACCTACCATCTCACCCATCAACATCCTGCAAGA
 GCTGCTGGCCACCTCAGCAGCGGAGTTGCCCCAAAGTCCCCTGGGCCGGGAGCCAGGGGGCCACCCAGA
 AGCTTCTGACTTCAAGACGGCCACGCTTACCTCTACCATGCCCTTCCCGCTACCTGGGTGAGGACC
 CTGGGCCAATCTACGGAGATGCCAGAGCCTGACCACCTGTGAGGTCTGCGGTGCCTGCTTTGAGACACG
 AAAGGGCCTGTCCAGCCACGCACGTTACATCTGCGGCAGCTTGGGGTGCAGAGTCAGAAAGCAGTGGT
 GCTCCCATCGACCTCCTCTACGAGCTGGTGAAGCAGAAGGGCCTGCCTGATGCTCCCTTGGGTGACCC
 CTAGCCTGACCAAGAAGTCCAACCTACCAAGGAGTTCCTTGTGGGGCTGCCAGGCCTGGCCTACTCAC
 ACTGGCCAAACCTATGGATGCCCTGCTGTCAACAAAGCCATCAAATCACCTCCTGGCTTCTCAGCCAAG
 GGCTGACCCACCATCCAGCTCCTCACTCCTCAAGAAGGCCCACTGACTCTGGCAGGATCCCCTACAC
 CCAAGAATCCTGAGGACAAGAGCCCCAGCTGTCCCTGAGTCCCCGACCAACTTCCCAAAGGCACAATG
 GCCCAGTCTGAGGATGAGGGGCCGTGAATCTCACTTACGGCCAGAGCCAACAAGAGATATCCGCTGT
 GAGTTCTGTGGTGAATTTTGAAGACAGAAAGGGCTTGTCTAGCCATGCACGCTCCCACCTGCGCCAGA
 TGGGTGTAACCTGAGTGGTATGTGAACGGCTCACCATCGACACTTCGGGAGATCCTGAAGAGACGGG
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 ACTGGAGTCTGGCAGCTCACTAGAAGCCGAAGTCCCCTGATCTTACATCTCACCTTTGACCAAGA
 AGTTGCCACCACCAGGCAGTCTCTGGGCCACTCACCAACTGCTTCTCCTCCTCCCACGGCCCGGAA
 GATGTTCTCAGGCCTTGCTACACCCTCCCTGCCAAGAAACTGAAGCCTGAACACATGAGAGTGGAGATC
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 GAGAAGATATGGCACCTTGAACCTGTCTCGGGCAGAGCCAGTGCCTGACATCCGGTGTGAGTTTGTGG
 TGAGTTCTTGAGAACCCGAAGGGCCTATCCAGCCACGCACGCTCCCACCTGCGCCAGATGGGTGTGACT
 GAGTGGTCTGTCAATGGCTCTCCATTGACACACTTCGGGAGATCCTGAAGAAGAAGTCCAAGCTGTGCC
 TCATCAAAAAGAGCCTCCTGCTGGAGACTGGCTCCTGCCCTCACTGAAGATGGCTCTCCACAGCAGC
 TCTGGGGCTCTGCATTCCTCACTGCCTCTGTACCCCTGGCTAGCCGGCCAGGAAAACCAGGAGCTGGG
 CCGACCAAGTTCCTCCGGGAGCTCAGCCTGTACCCATCACAGGGTCCAAGCCCTCAGTGCCAGCTACC
 TGGGCCAGTGGCAACCAAGCGGCCCTCCAGGAGGACCCTTCTCCAGCAGAGGTCAAGGCCAAGAC
 CTACATCCAGACTGAACTGCCCTTCAAGGCAAAGACTCTCCATGAGAAGACCTCCCACTCCTCCACCGAG
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 CGCAGCGCTGGCCATGGCCGTGACAGTGACAAGCGGCCACCCCTGGGGCTGGCACCTGGGGCCTGTCCC
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 AACGCTACTGGTCAAGTTTGTGGCAACATCTATACCCTCAAGTGCAGGTTCTGTGAAGTGAATCCAG
 GGCCACTCTCTATCCAGGAAGAGTGGTACGGCATTACAGCGGCACATCCTGGAGATGAACTTCTCCA
 AAGCAGACCTCCGCTGAGGAGCCCCAGGCCCGCAGGCACAGACAGCAGCTGTAGAGGCACCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225021 representing NM_011717
 Red=Cloning site Green=Tags(s)

MEGLLAGGLAAPDHPRGPAPREDIESGAEAAEGEGDIFPSSHYPITKEGPRDILDGRSGISVANFDPGT
 FSLMRCDFCGAGFDTRAGLSSHARHLRDFGITNWELTISPINILQELLATSAEELPPSPLGREPGGPPR
 SFLTSTRPRLPLTMPFPPTWAEDPGPIYGDAQSLTTCEVCGACFETKGLSSHARSHLRQLGVAEESSE
 APIDLLYELVKQKGLPDAPLGLTPSLTKKSNPKFLAGAARPGLLTLAKPMDAPAVNKAIKSPGFSAK
 GLTHPSSPLLKKAPLTLAGSPTPKNPEDKSPQLSLSPRPTSPKAQWPQSEDEGLNLTSGPEPTRDIRC
 EFCGEFFENRKLSSHARSHLRQMGVTEWYVNGSPIDTLREILKRRTQSRPGGHLHPPGSPKALAKVLS
 TGGPGSSLEARSPDLHISPLTKKLPPPPGSPGHSPASPPPTARKMFSGLATPSLPKLLKPEHMRVEI
 KREMLPGTLHGEPHPSEGPWGTPTREMAPLNLRAEPVRDIRCEFCGEFFENRKLSSHARSHLRQMGVT
 EWSVNGSPIDTLREILKSKLCLIKKEPPAGDLAPALTEDGSPTAAPGALHSPLPLSPLASRPGKPGAG
 PTQVPRELSLSPITGSKPSAASYLGPVATKRPLQEDRFLPAEVKAKTYIQTELFPKAKTLHEKTSHSSTE
 ACCELCLYFENRKALASHARHLRQFVTEWCVNGSPIETLSEWIKHRPQKVGAYRSYIQGRRPFTKFK
 RSAGHGRSDKRPPGLAPGGLSLVGRSAGGEPGLEAGRAADSGERPLATSPPGTVKSEHQQRNINKFE
 RRQARPSDASAARGGEEVNDLQQLKEEVROPVPRVPSLVPRPPQTSLVKFGVNIYTLKCRFCEVEFQ
 GPLSIQEEVWRHLQRHILEMNFKADPPPEEPQAPQAQTAAVEAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

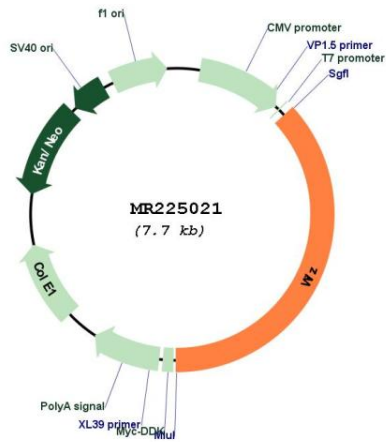


ACCN:

NM_011717

ORF Size:	2865 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_011717.5
RefSeq Size:	4247 bp
RefSeq ORF:	2868 bp
Locus ID:	22404
UniProt ID:	O88286
Cytogenetics:	17 B1
MW:	103.4 kDa
Gene Summary:	May link EHMT1 and EHMT2 histone methyltransferases to the CTBP corepressor machinery. May be involved in EHMT1-EHMT2 heterodimer formation and stabilization. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR225021