

Product datasheet for **RN215442**

Ezh2 (NM_001134979) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ezh2 (NM_001134979) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ezh2
Synonyms:	MGC189404
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215442 representing NM_001134979
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCCAGACTGGGAAGAAATCTGAGAAGGGACCGGTTTGTGGCGGAAGCGTGTAAAGTCAGAGTACA
 TGAGACTGAGACAGCTCAAGAGGTTTCAAGAGAGCTGACGAAGTAAAGACTATGTTTAGTTCCAATCGTCA
 GAAAATTTTGGAAAGAACTGAAACCTTAAATCAAGAATGGAAGCAGCGAAGGATACAGCCTGTGCACATC
 ATGACTTCTGTGAGCTCATTACGCGGGACTAGGGAGTGTTCAGTGACCAGTGACTTGGATTTTCCAGCAC
 AAGTCATCCCCTAAAGACCCTAAATGCTGTGCGCATCGGTGCCATAATGTATTCTTGGTCTCCCTTACA
 ACAGAATTTTATGGTGAAGATGAAACTGTTTTACATAACATTCCTTATATGGGGATGAAGTTCTGGAT
 CAGGATGGCACTTTCATTGAAGAATTAATAAAAAATTATGATGGAAAAGTGCATGGAGACAGAGAATGTG
 GATTTATAAATGATGAAATTTTGTGGAGTTGGTAAATGCTCTTGGTCAATATAATGATGATGACGATGA
 TGATGATGGAGACGATCCTGATGAAAGAGAAGAAAAACAGAAAGATCTAGACGATAGTCGAGATGATAAA
 GAAACTTGCCCACTCGGAAATTCCTGCTGATAAAAATTTTGAAGCCATTTCTCAATGTTCCAGATA
 AGGGCACAGCAGAAGAACTGAAAGAAAAGTATAAAGAAGTACCGAGCAGCAGCTCCCGGCTGCTTACC
 TCCTGAATGTACCCCAAACATCGATGGACCAATGCCAAATCTGTTTACAGAGGAGCAAAGTTTACATTCA
 TTTTCATACGCTCTTTTGTGACGATGTTTTAAGTATGACTGCTTCTACATCCCTTTTCAATGCAACACCCA
 ACACATAAAGAGGAAGAACACAGAAACAGCTCTGGACAACAAGCCTTGTGGACCACAGTGTATCAGCA
 TCTGGAGGGAGCTAAGGAGTTTGTGCTGCCCTTACTGCTGAGCGGATAAAGACACCACCTAAACGTCCA
 GGGGGCCGCAGAAGAGGAAGACTTCCGAATAACAGTAGCAGACCCAGCACCCACCACCTAGTGTGCTGG
 AGTCAAAGGATACAGACAGTGACAGAGAAGCAGGGACTGAAACCGGGGGAGAGAACAACGATAAAGAAGA
 AGAAGAGAAAAAAGATGAGACTTCCAGTTCCTCTGAAGCAAATTCCTGGTGTCAAACACCAATAAAGATG
 AAGCCAAATATTGAACCTCCTGAGAATGTGGAGTGGAGTGGTGTGGAAGCCTCCATGTTTAGAGTCTCA
 TTGGTACTTACTACGATAACTTTTGTGCCATTGCTAGGCTAATTGGGACCAAAACATGTAGACAGGTGTA
 TGAGTTTAGAGTCAAAGAGTCCAGTATCATAGCACCTGTTCCCACTGAGGATGTGGACACTCCTCCAAGA
 AAGAAGAAAAGAAAACATCGTTTGTGGGCTGCACACTGCAGAAAGATCCAAGTAAAAAGGACGGCTCCT
 CTAACCATGTTTACAACATCAACCCTGTGACCATCCACGGCAGCCTTGTGACAGTTCGTGCCCTTGTGT
 GATAGCACAAAATTTTGTGAAAAGTTTGTCAATGTAGTTCAGAGTGTCAAACCGCTTCTCTGGATGC
 CGGTGCAAAGCACAATGCAACACCAAGCAGTGTCCGTGCTACCTGGCTGTCGAGAGTGTGATCCTGACC
 TCTGTCTCACTTGTGGAGCTGTGACCACTGGGACAGTAAAAATGTGCTCTGCAAGAACTGTAGCATTCA
 GCGGGGCTCTAAAAGCACTTACTGCTGGCACCGTCTGATGTGGCAGGCTGGGGCATCTTTATCAAAGAT
 CCAGTACAGAAAAATGAATTCATCTCAGAATACTGTGGAGAGATTATTTCTCAGGATGAAGCAGACAGAA
 GAGGGAAAGTGTATGACAAATACATGTGACGCTTCTGTTCAACTGAAACAATGATTTTGTGGTGGATGC
 AACCCGCAAGGGCAACAAAATTCGTTTTGCTAATCATTTCAGTAAATCCAAACTGCATGCAAAAAGTTATG
 ATGGTTAATGGTGACCACAGGATAGGCATCTTTGCTAAGAGAGCTATCCAGACTGGTGAAGAGTTGTTCT
 TTGATTACAGATACAGCCAGGCTGATGCCCTGAAGTATGTGGCATCGAACGAGAAATGGAATCCCTTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134979
Insert Size: 2241 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_001134979.1</u> , <u>NP_001128451.1</u>
RefSeq Size:	2794 bp
RefSeq ORF:	2241 bp
Locus ID:	312299
Cytogenetics:	4q24