

Product datasheet for **RN211701**

Ezh1 (NM_001107051) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ezh1 (NM_001107051) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ezh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211701 representing NM_001107051
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATATAGCAAGTCCCCAACTTCCAATGCATCACATACTGGAAAAGAAAGGTGAAATCTGAATACA
 TCGGGCTGCGGCAGCTCAAACGGCTTCAGGCAAATATGGGGCAAAGGCTCTGTATGTGGCAAATTTTGC
 AAAAGTTCAAGAAAAAACCCAAATCCTCAATGAAGAGTGAAGAAACTTCGCGTCCAGCCTGTTCAGCCA
 ATGAAGCCTGTGAGTGGGCACCCTTTTCTGAAAAAGTGTACCATAGAGAGCATTTTCCCAGGTTTGTACA
 GCCAGGATATGTTGATGAGGTCTCTGAACACAGTTGCATTGGTTCCAATCATGTATTCTGGTCCCCTCT
 CCAGCAGAATTCATGGTGGAGGATGAGACGGTTTTGTGCAATATTCCTACATGGGTGATGAGGTGAAG
 GAGGAAGACGAACTTTCATCGAGGAGCTGATCAACAATATGACGGCAAAGTCCATGGTGAAGAAGAGA
 TGATCCCTGGGTCTGTGCTGATCAGCGATGCTGTGTTTCTGGAGTTGGTAGATGCCCTCAATCAGTACTC
 GGATGAGGAGGAGGAAGGCCACAATGACACCTCCGATGAAAAGCAGGATGACAGCAAAGAGGACCTGCCA
 GTGACAAGAAAGCGAAACGCCATGCTATTGAAGGCAACAAAAGAGCTCCAAGAAACAGTTTCCAATG
 ACATGATCTTCAGCGCCATTGCTTCCATGTTCCCGGAGAATGGTGTCCCTGACGACATGAAGGAGAGGTA
 TCGAGAGCTGACAGAGATGTCCGACCCCAATGCACTTCCCCTCAGTGCACACCCCAACATCGATGGCCCC
 AATGCTAAGTCAGTGCAGCGGGAGCAGTCTCTGCACTCTTCCACACCCTGTTCTGTGCGGCGCTGTTTTA
 AATACGACTGCTTCCCTCACCCCTTCCACGCCACCCTAATGTGTACAAAAGGAAGAACAGAGAAATCAA
 GATTGAGCCAGAACCATGTGGTGCAGACTGCTTCCCTTGGCTGGAAGGAGCAAAGGAGTACGCCATGCTG
 CATAACCCTCGTCCAAGTGTCTGGGCGCCGCCGAAAGGCACCCAGTGGTCACTGCTTCCCTGTTCCA
 ATACATCCGCTCTGCTATGGCCGAGACTAAAGAAGGAGACAGTGACAGAGACTGGCAATGACTGGGC
 CTCAGTTCCTCAGAGGCTAACTCTCGCTGTGACACCCACGAAACAGAAAGTCTAGTCCAGCCCCACT
 CAGCTCTGTGTTGTGGAAGCTCCCTCAGAGCCGTGGAATGGACTGGAGCTGAAGAATCTTTTTCCGAG
 TCTTCCATGGCACCTACTTCAACAATCTGCTCAATAGCCAGGCTTCTGGGGACAAAGACATGCAAACA
 GGTCTTTCAGTTTGCAGTCAAAGAATCACTTATCCTGAAGCTGCCAACAGATGAGCTCATGAACCTTCA
 CAGAAGAAGAAAAGAAAACACAGGTTGTGGGCTGCGCACTGCAGGAAAATTCAGCTGAAGAAAGACAACA
 ATTCTACACAAGTATAACTACCAACCCTGTGACCACCCGACCGTCCCTGTGACAGCACATGCCCTG
 CATCATGACCCAGAACTTTTGTGAAAAGTCTGCCAGTGCAGCCAGACTGCCAGAACCGCTTCCCTGGT
 TGTCGCTGTAAGACTCAGTGCAATACCAAGCAGTGTCTTGTACTTGGCCGTTCTGTGAGTGTACCCTG
 ACTTGTGCTCACCTGCGGGCCTCAGAGCACTGGGACTGTAAGGTGGTGTCTTGCAAAAACCTGCAGCAT
 CCAGCGTGGCCTCAAAAAGCACCTGCTGCTGGCCCTTCCGATGTGGCCGGATGGGGCACCTTCATCAAG
 GAGTCTGTGAGAAGAACGAATTCATTTCTGAATACTGTGGTGAAGTCTCATCTCAGGATGAGGCTGATC
 GACGAGGGAAGTCTATGATAAATATGTCCAGCTTCTCTTCAACCTCAACAATGATTTTGTAGTGGGA
 TGCTACCCGAAAGGAAACAAAATTCGCTTTCGAAACCATTAGTGAACCCCACTGTTATGCCAAAGTG
 GTCATGGTGAATGGAGATCACCGCATGGGATCTTTCGAAGAGAGCAATTCAGGCTGGCGAAGAGCTCT
 TCTTTGATTATAGGTACAGCCAAGCTGATGCCCTCAAGTATGTGGGCATCGAAAGGGAACCGGACGCTCT
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107051

Insert Size: 2244 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_001107051.1, NP_001100521.1</u>
RefSeq Size:	4245 bp
RefSeq ORF:	2244 bp
Locus ID:	303547
Cytogenetics:	10q31