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Product datasheet for RN201086

Ehmt2 (NM_212463) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ehmt2 (NM_212463) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ehmt2
Synonyms:	Bat8; G9a; Ng36
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201086 representing NM_212463 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGCGGGGTCTGCCGAGAGGGAGGGGGCTGATGCGGGCCCGGGGGCGGGGGCGTGCGGCCCCCACGGGCG GCCGCGGCCGGGGTCGCGGGGGCGCCCACCGTGGACGAGGTAGGCCCCGAAGCCTGCTCTCGCTGCCCAG GGCCCAGGCGTCTTGGGCCCCCCAGCTGCCTGCCGGGCTGACCGGCCCTCCGGTCCCTTGTCTCCCCTCC CAGGGGGAGGCCCCCGCTGAGATGGGGGCGCTGCTGCTGGAGAAGGAGCCCCGAGGAGCCGCCGAGAGAG TTCATGGCTCTTTGGGGGACACCTCTCATAGTGAGGAGACCCTTCCCAAGGCCAACCCCGACTCCTTGGA GCCTACCGGCCCCTCCTCTCCGGCCTCTGTCACTGTCACCGTCGGCGATGAGGGGGCTGACACCCCTGTC GGGGCCACACCGCTCATCGGGGAGGAACCCGAGAACCTGGAGGGAGATGGGGGTCGAATCCTGCTGGGCC ATGCCACAAAGTCATTCCCCTCTTCCCCCAGCAAGGGGGGTGCCTGTCCCAGTCGGGCCAAAATGTCAAT GACAGGGGCAGGAAAGTCGCCCCCCTCGGTCCAGAGTTTGGCCATGAGGCTGTTGAGCATGCCTGGGGCC CAGGGAGCTGCAACTGCTGGGCCTGAGCCCCCTCCGGCAACAACTGCCGGCCAGGAGGGGCAGCCCAAAG TACACCGAGCTCGGAAAACCATGTCCAAGCCTAGCAACGGACAGCCTCCAGTCCCTGAGAAGCGGCCCCC TGAAGTCCAGCATTTCCGCATGAGTGACGACATGCATCTGGGAAAGGTGACTTCAGATGTGGCCAAACGG AGGAAGTTGACCTCGGGCAGCCTGTCAGAGGACTTGGGCTCTGCTGGGGGCTCAGGAGAAGTGATCCTGG AGAAGGGAGAGCCCAGGCCTCTGGAGGAGTGGGAGACGGTGGTGGGCGATGACTTCAGCCTGTACTATGA CGCGTACTCTGTGGATGAGCGGGTGGACTCTGACAGCAAGTCTGAAGTCGAAGCTCTAGCTGAACAGTTG AGTGAAGAGGAGGAGGAGGAAGAGGAGGAAGAAGAAGAGGAAGAGGAGGAAGAGGAGGAGGAGGAAGAGG AGGAGGAGGATGAGGAGTCGGGCAACCAGTCAGACAGGAGTGGCTCTAGCGGCCGACGCAAGGCCAAGAA GAAATGGCGGAAAGACAGCCCATGGGTGAAGCCATCCAGGAAACGGCGGAAGCGAGAGCCTCCGAGGGCC AAGGAGCCCAGAGGAGTGAATGGTGTGGGTTCCTCAGGGCCCAGTGAGTACATGGAGGTTCCTCTGGGGT CCCTGGAGCTGCCCAGCGAGGGGACCCTCTCCCCCAACCACGCTGGGGTCTCCAATGACACGTCTTCGCT GGAGACGGAGCGTGGGTTTGAGGAGCTGCCCCTCTGCAGCTGCCGCATGGAGGCGCCCAAGATTGACCGC ATCAGCGAGAGAGCAGGACACAAGTGTATGGCCACCGAAAGTGTGGACGGAGAGCTGCTGGGTTGCAATG

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CCGCCATCTTGAAGCGGGAGACCATGCGGCCGTCTAGCCGTGTGGCGCTGATGGTACTGTGTGAGGCCCA
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TTCTTCAGCTCCAGGGACATCCGGACCGGGGAGGAGCTGGGGTTTGACTACGGCGACCGGTTCTGGGATA
TCAAGAGCAAGTATTTCACCTGCCAGTGTGGCTCTGAGAAGTGCAAGCATTCAGCTGAGGCCATCGCCCT
GGAGCAGAGCCGCCTGGCCCGTCTGGACCCCCACCCGGAGCTGCTCCCTGACCTCAGCTCCCTGCCCCCC
ATCAACACCTGA

CTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACG
ATAAGGTTTAA

Restriction Sites: SgfI-XhoI

ACCN: NM_212463

Insert Size: 3792 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:	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_212463.1, NP_997628.1
RefSeq Size:	4023 bp
RefSeq ORF:	3792 bp
Locus ID:	361798
Cytogenetics:	20p12
Gene Summary:	mouse homolog may act as a histone methyltransferase and may be involved in genetic imprinting [RGD, Feb 2006]