



Catalog Number: HG12052-G

General Information

Gene Bank Ref. ID : NM_004992

cDNA Size: 1461

Gene Name Synonym :

MECP2

Source: Human

Description

cDNA Description :

ORF Clone of Homo sapiens methyl CpG binding protein 2 (Rett syndrome) DNA.

Vector :

pGEM vector.

Sequence Description :

Identical with the Gene Bank Ref. ID sequence except for the point mutation 1030 C/T resulting in the amino acid aRG substitution by Trp.

cDNA Sequence and Quality Control

Sequence :

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ATGGTAGCTGGGATGTTAGGGCTCAGGGAAGAAAAGTCAGAAGACCAGGACCT
CCAGGGCCTCAAGGACAAACCCCTCAAGTTTAAAAAGGTGAAGAAAGATAAGAA
AGAAGAGAAAGAGGGCAAGCATGAGCCCGTGCAGCCATCAGCCACCACTCTG
CTGAGCCCGCAGAGGCAGGCAAGCAGAGACATCAGAAGGGTCAGGCTCCGC
CCCGGCTGTGCCGGAAGCTTCTGCCTCCCCAAACAGCGCGCTCCATCATCC
GTGACCGGGGACCCATGTATGATGACCCACCCCTGCCTGAAGGCTGGACACGG
AAGCTTAAGCAAAGGAAATCTGGCCGCTCTGCTGGGAAGTATGATGTGATTTC
ATCAATCCCCAGGGAAGCCTTTGCTCTAAAGTGGAGTTGATTGCGTACTTC
GAAAAGGTAGGCGACACATCCCTGGACCTAATGATTTTGACTTCACGGTAACT
GGGAGAGGGAGCCCCCTCCCGCGAGAGCAGAAACCACTAAGAAGCCCAAT
CTCCAAAGCTCCAGGAAGTGGCAGAGGCGGGGACGCCCAAGGGAGCGG
CACCACGAGACCCAAGGCGGCCACGTGAGAGGGTGTGAGGTGAAAAGGGTC
CTGGAGAAAAGTCTGGGAAGCTCCTTGTCAAGATGCCTTTCAAACCTCGCCA
GGGGGCAAGGCTGAGGGGGGTGGGGCCACCATCCACCCAGGTATGGTGA
TCAAACGCCCCGGCAGGAAGCGAAAAGCTGAGGCCGACCCTCAGGCCATTCCC
AAGAAACGGGGCCGAAAGCCGGGGAGTGTGGTGGCAGCCGCTGCCGCCGAG
GCCAAAAGAAAGCCGTGAAGGAGTCTTCTATCCGATCTGTGAGGAGACCGT
ACTCCCCATCAAGAAGCGCAAGACCCGGGAGACGGTCAGCATCAGGTCGAAGG
AAGTGGTGAAGCCCCTGCTGGTGTCCACCCTCGGTGAGAAGAGCGGGAAGG
ACTGAAGACCTGTAAGAGCCCTGGGTGGAAGCAAGGAGAGCAGCCCCAAGG
GGCGCAGCAGCAGCGCCTCTCACCCCCAAGAAGGAGCACCACCACCATCAC
CACCCTCAGAGTCCCCAAAGGCCCGCTGCCACTGCTCCCACCCCTGCCGCC
ACCTCCACCTGAGCCCGAGAGCTCCGAGGACCCACCAAGCCCCCTGAGCCC
CAGGACTTGAGCAGCAGCGTCTGCAAAGAGGAGAAGATGCCAGAGGAGGCT
CACTGGAGAGCGACGGCTGCCCAAGGAGCCAGCTAAGACTCAGCCCGCGGT
TGCCACCGCCGCCACGGCCGAGAAAAGTACAAACACCGAGGGGAGGGAGAG
CGCAAAGACATTGTTTCATCCTCCATGCCAAGGCCAAACAGAGAGGAGCCTGTG
GACAGCCGGACGCCCGTGACCGAGAGAGTTAGCTGA
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Quality Control:

The sequencing result is available upon request.

Shipping

1. 5 - 10µg Plasmid DNA is shipped on Whatman FTA elute card (Catalog Number: WB120410) at room temperature.
2. It would take 3 - 5 days for delivery typically. For bulk orders, additional 1 - 2 weeks would be needed.

Usage Protocol

1. Remove the marked edge in the center of the spot.
2. Transfer the filter paper to a 1.5ml microfuge tube containing 50-100 µl of sterile H₂O. Ensure the filter is completely immersed in the H₂O by briefly centrifuging the tube for 10 seconds.
3. Transfer the tube to a heating block at 95°C for 15 - 30 min.
4. At the end of the incubation period remove the sample from the block and pulse vortex, or gently tap, the sample approximately 60 times.
5. Briefly centrifuge for 30 seconds, to separate the matrix from the elute. The elute now contains the purified DNA.