

Product datasheet for **MR200464**

MacroD2 (NM_028387) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MacroD2 (NM_028387) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: MacroD2
Synonyms: 1110033L15Rik; 2610107G07Rik; 2900006F19Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200464 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGGATGCATCCCTAATGGTTGGAGAAATGGTGGAGAATGTCATGGGAGAGAGCACCTGCAGATCCT
 TGCCTGAGACGGTTATGGAAAGAAAGTCTTACAGCTTGGGCAATAGGAAAAGAGGCCCTTTATCTGATCT
 TGTTTTCCAGTCCATTTGAATCAAGAAAGACTCATTGAAGACTCCTTGAGAAGAGTCTGTTTTGAAGAA
 GAAAAACAGACAAAAAGGGTGGGCGAGAGAGTGAAGTCTCCTGAAGGCAAACAGACAAGAAGGGTGGGAG
 ACACATGCAGTTTGTTCGTGTCTAACTAACACTGACCTTCTGGAGTCAACATTGAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200464 protein sequence
 Red=Cloning site Green=Tags(s)
 MMDASLMVGEMVENVMGESTCRSLPETVMERKSYSLGNRKRGPLSDLVFQSI LNQERLIEDSLRRVCFEE
 EKQTKKGGRESELPEGKQTRRVGDTCSFVACLNTDLPVNIEN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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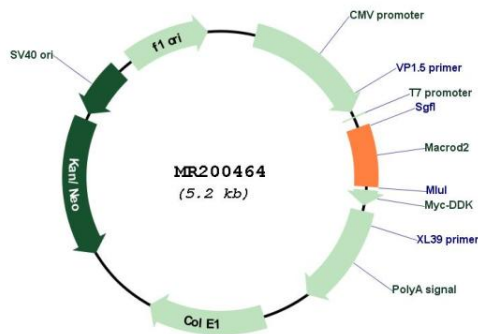
Locus ID: 72899

Cytogenetics: 2 F3-G1

MW: 12.8 kDa

Gene Summary: Removes ADP-ribose from asparatate and glutamate residues in proteins bearing a single ADP-ribose moiety. Inactive towards proteins bearing poly-ADP-ribose. Deacetylates O-acetyl-ADP ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR200464