

Product datasheet for RN207421

Mri1 (NM_001010947) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mri1 (NM_001010947) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mri1
Synonyms:	RGD1307789
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207421 representing NM_001010947 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGACTGGAAGCGATCCGCTACTCGCCGGGCTCGTGCAGATCCTCGACCAGCTGCAGCTGCCGGAGC
ACTGCCACTATGAGACGCTGAGCTCCGTGCAGCAGGCCAGGAAGCGATCCGCGCCATGAAGGTGCGCGG
CGCTCCCGCCATCGCGCTGGTGGTTGCCTCAGCCTGGCTGTAGAGCTGCAGCGGGTGGGGCGGTCCG
GGCTCGCCGCTCTGGTGGCCTTCGTGCGAGACCAGCTGAGCCTCCTTGTGCGCCGCCGCCACAGCTG
TCAACATGGCCCGCGCCGCCCGGATCTGACTCATGGCGGCCGAGAGCGGAACTAGAGGGTGTACT
TGAAGAGACCGTGCGGAAAGAGTGATCCGCTTTGCCGAGGACATGTTGGAGAAAGACCTCAAAGATAAC
CGGAGCATTGGCGACTTGGGAGCCCGCCATCTCCTAGAGCAGACCAACCCAGGGGTGGCAAGGTGACTG
TGCTGACCCACTGTAACACCGGTGCTCTGGCCACTGCCGGCTACGGTACAGCATTAGGTGTGATCCGCTC
ACTGCACGAGATGGTTCGACTGGAGCATACCTTCTGCACGAAACCCGGCCCTACAACAGGGAGCACGG
CTGACAGCCTTCGAGCTGGTGTACGAGAAGATCCCTGCGACTCTCATCACTGACAGTATGGCCGCTGCAG
CCATGGTACACCAGGGTGTGTAGCTGTGGTGGTGGGAGCTGATCGTGTGTTGCCAACGGAGACACAGC
CAACAAGATAGGCACCTACCAGCTGGCCATCGTCGCCAAGCACCACGGTATCCCCTTCTATGTGGCTGCC
CCCAGTTCATCCTGTGACCTCCGTCTGGAGACTGGAAAGGAGATTGTCATAGAGGAACGCCCCAGCCAGG
AGCTGACTGACCTGAATGGAGTCAGGATTGCTGCACAGGGAATCCGGGTTTGAATCCTGCCTTTGATGT
CACCCCCACGAACTCATCACAGGCGGCATCATCACTGAGCTGGTGTCTTTGCCCTGAGGAGCTCCGT
GCAGCCCTAAGCGCCACCATCTTCTCAGAGGGACAGACCCTAGATAGTCCCAGATG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001010947



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Insert Size:	1110 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_001010947.1</u> , <u>NP_001010947.1</u>
RefSeq Size:	1246 bp
RefSeq ORF:	1110 bp
Locus ID:	288912
UniProt ID:	<u>Q5HZE4</u>
Cytogenetics:	19q11
Gene Summary:	Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P).[UniProtKB/Swiss-Prot Function]