

## Product datasheet for **RN216421**

### Mr1 (NM\_001100635) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mr1 (NM\_001100635) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mr1  
**Synonyms:** Hlals  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN216421 representing NM\_001100635  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGTTCTGCTACCGTTCCTCACAGTATTTTTGGCGAAGCAAAGCCATACCCGGACCCACTCTCTGA  
GATACTTTGCTGGCTATTTCCGATCCTGGCCCTGGAGTCCCTGAATTTATCTCAGTTGGGTATGTGGA  
CTCACACCTATCACTACATACGACAGCGTCACCCGACAGAAGGAGCCAAGAGCCCCATGGATGGCGGAG  
AACCTGGCGCCTGACCACTGGGAGAGGTACACTCAGCTGCTAAGAGGCTGGCAGCGGACCTTCCAGACAG  
AGCTGAGGCACCTGCAGAGGCACTACAACCACTCAGGGCTTACACCTACCAGAGAAATGATCGGTTGTGA  
GTTGCTGGAAGACGGCAGCACCACAGGGTTTCTCCAGTATGCATATGATGGACAAGATTTTATTGCTTTC  
GATAAAGACACCCCTCTCTGGCTGGCTATGGATAATGTGGCTCACATCACCAAGCGAGCATGGGAGGCCA  
ACCTGCATGAGTTGCAATACCAAAAGAAGTGGCTAGAAGAAGAGTGCATTGCCTGGCTAAAGAGGTTCTT  
GGAGTATGGAAGTGTGCCCTAGAAAGAACAACATCCAGTAGTAAGAACAACCGAAAGGAAACGTTT  
CCAGGGATTACCACTCTTCTGCAGAGCTCATGGCTTCTACCCACCAGAAATTTCCATGATATGGAAGA  
AAAATGGGGAAGAAATTTCCAGGAGTGGATTATGGAGGGGTGCTTCCAGTGGGGATGGAACCTATCA  
AATGTGGGTGTCGGTTGATCTGGATCCTCAGACCAAAAGACATTTATTCTTGTGATGTGGAGCACTGTGT  
CTCCAATGTTCTGGAGCCCCCTCAGGAATCAGGAAACACCCCTTCTAGTGGCAAACACGATCTCTGGGA  
CCATAATTCTCATATTGCTCCTGGCTGGAGTTGGTCCCTGATCTGGAGAAGAAGGTCACGAGAACCAAA  
AGAAGTCATGTACCAACCCACCAAGTCAATGAGGGCAGCTCTCCCTCT**TAG**

**ACGGT**ACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001100635



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<b>Insert Size:</b>	1032 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001100635.1</a></u> , <u><a href="#">NP_001094105.1</a></u>
<b>RefSeq Size:</b>	1455 bp
<b>RefSeq ORF:</b>	1032 bp
<b>Locus ID:</b>	25119
<b>UniProt ID:</b>	<u><a href="#">O19477</a></u>
<b>Cytogenetics:</b>	13q21
<b>Gene Summary:</b>	non-MHC-linked class I-related gene [RGD, Feb 2006]