

## Product datasheet for RN203966

### Mlst8 (NM\_022404) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Mlst8 (NM\_022404) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Mlst8  
 Synonyms: Gbl  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN203966 representing NM\_022404  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGAATACCACCCAGGCACAGTGGGCAGTGACCCTGTCATCTTAGCAACTGCAGGCTATGACCACACAG  
 TCGCCTTTTGGCAGGCTCACAGTGAATCTGCACTCGAACAGTGCAGCATCAGGACTCTCAGGTGAATGC  
 ATTGGAGATCACTCCAGACCGGAGCATGATTGCTGCTGCAGGTTACCAACATATCCGCATGTATGATCTC  
 AACTCCAATAACCCCAACCCCATCATCAGTTATGACGGAGTCAGTAAGAACATCGCATCAGTGGGTTTTTC  
 ATGAGGATGGCCGCTGGATGTATACAGGTGGAGAGGACTGCACGGCTCGCATCTGGGACCTCAGGTCCCCG  
 GAACCTGCAGTGTGAGCGTATCTTCCAGGTGAATGCACCCATTAATTGCGTGTGTCTACATCCCAACCAG  
 GCAGAATCATCGTGGGTGACCAGAGCGGTGCTATCCACATCTGGGACCTGAAGACAGACCACAATGAGC  
 AGCTGATCCCTGAGCCTGAGTTTTCCATCACATCTGCCACATTGACCCCGATGCCAGCTACATGGCGGC  
 AGTCAATAGTGCCGAAACTGCTTTGTCTGGAACCTGACGGGGGGCATTGGTGACGAGGTGACTCAGCTC  
 ATCCCAAGACCAAGATCCCAGCCACACGCGCTACGCCCTGCAGTGCCGCTTCAGCCCCGACTCCACGT  
 TACTTGCGACCTGTTCCGGCTGACCAGAGCTGAAAATCTGGAGGACATCCAATCTCCCTGATGACAGA  
 ACTCAGCATCAAGAGTAGTAACCCCGAGAGTCATCCCGTGGCTGGATGTGGGGCTGCGCCTTCTCAGGG  
 GATTCCAGTATATCGTCACAGTCTCTCAGACAACTGGCCCGCTCTGGTGTGTAGAGACTGGAGAGA  
 TCAAGAGAGAGTATGGTGGCCATCAGAAAGCTGTCGTCTGCTTGGCCTTCAACGACAGCGTCTGGGCTA  
 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_022404



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<b>Insert Size:</b>	981 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>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>	<a href="#">NM_022404.2</a> , <a href="#">NP_071799.2</a>
<b>RefSeq Size:</b>	3601 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	64226
<b>UniProt ID:</b>	<a href="#">Q9Z2K5</a>
<b>Cytogenetics:</b>	10q12
<b>Gene Summary:</b>	cytosolic protein similar to an insulin receptor [RGD, Feb 2006]