

## Product datasheet for MC218727

### 2310014G06Rik (BC087941) Mouse Untagged Clone

#### Product data:

|                           |                                                      |
|---------------------------|------------------------------------------------------|
| Product Type:             | Expression Plasmids                                  |
| Product Name:             | 2310014G06Rik (BC087941) Mouse Untagged Clone        |
| Tag:                      | Tag Free                                             |
| Symbol:                   | 2310014G06Rik                                        |
| Synonyms:                 | 2310014G06Rik                                        |
| Mammalian Cell Selection: | Neomycin                                             |
| Vector:                   | pCMV6-Entry (PS100001)                               |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                 |
| Fully Sequenced ORF:      | >BC087941<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGCGGGTGCTTGTAGGTGGCGGGACGGGATTCATTGGGACAGCCGTAACCCAGCTGCTGAGAGGCAGGG  
GCCACGAAGTTAAATTGGTCTCCAGACAGCCTGGCCCGGGTGAATCACGTGGAGTGAACCTAGTGAGTC  
GGGGCTGCCCCTCTGCGATGTTGTCATCAACCTGGCTGGAGAGAATATCCTCAACCCTCTGCGAAGATGG  
AATGAAACCTTCAAAAAGAGGTTCTTACGAGCCGCTTGATACTACCCACTTGCTAGCCAAAGCCATCA  
CCGAAACTGCGCACCCACCTCAGGCTTGATTCTAGTCACAGGTGTAGCTTACTACCAGCCAAGCCTGAC  
TAAGGAGTATGATGAAGACAGCCAGGAGGGAATTTGACTTTTTCTCAACCTGGTAACCAATGGGAA  
GCAGCAGCCAGGCTTCTGGAGAGTCTACACGCCAGGTCTGGTACGTTACGGGGTTGTGCTGGGCCGTG  
GAGGTGGCGCCATCAGTCACATGCTTCTGCCCTTCCGCCTGGGCCCTAGGAGGCCCATCGGTTCAAGTCTG  
CCAATCTTCCCCTGGATACACATTGGTGACCTGGCAGGAATTCTGAACCTATGCCCTTGAAGCAAACAC  
GTCCAAGGAGTCTGAATGGAGTGGCTCCAGCATCTACAACCTACCAATGCTGAGTTTGCCAGGCCCTTG  
GTGCTGCCCTGGGCCGCCAGCCTTCATACCTGTCCCAGCACTGTGGTACGAGCGGTCTTTGGAGAAGC  
TGCCATCATGCTGTTGGAAGGGCAAAAAGTGGTCCCTCGGCCGACACTGGCTACTGGCTACCACTACTCC  
TTCCCAGAGCTGAGGGCTGCCTTGAAGGATGTTGTAGCCTGCTCCGCACTCTGAGAAGTGGGTCAGGTG  
ATGATCCCTGCACTTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | SgfI-MluI |
| ACCN:              | BC087941  |



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 927 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>Note:</b>                  | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq:</b>                | <a href="#">BC087941</a> , <a href="#">AAH87941</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq Size:</b>           | 1197 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 926 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>              | 654795                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>          | 14 C3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Summary:</b>          | Putative NADP-dependent oxidoreductase.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                                            |