

## Product datasheet for **MC218361**

### Ergic3 (BC057130) Mouse Untagged Clone

#### Product data:

|                      |                                                      |
|----------------------|------------------------------------------------------|
| Product Type:        | Expression Plasmids                                  |
| Product Name:        | Ergic3 (BC057130) Mouse Untagged Clone               |
| Tag:                 | Tag Free                                             |
| Symbol:              | Ergic3                                               |
| Synonyms:            | CGI-54, NY-BR-84                                     |
| Vector:              | pCMV6-Entry (PS100001)                               |
| E. coli Selection:   | Kanamycin (25 ug/mL)                                 |
| Cell Selection:      | Neomycin                                             |
| Fully Sequenced ORF: | >BC057130<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGGCGCTGGGAAGCTGAAGCAGTTCGATGCCTACCCTAAGACTCTGGAGGACTTCCGGGTCAAGA  
CCTGCGGGGTGCCACGGTGACCATCGTCAGTGGCCTTCTCATGCTCCTGCTTTTCTATCGGAGTTGCA  
GTATTATCTCACTACGGAGGTGCATCCTGAGCTCTACGTGGACAAGTCTCGGGGGGATAAAGTGAAGATC  
AACATCGATGTTCTTTCCCGCACATGCCTTGTGCCTACTTGAGCATCGATGCCATGGACGTGGCCGGGG  
AGCAGCAGCTGGATGTGGAACACAACCTGTTCAAGAAACGACTAGACAAGGATGGCGTCCCCGTGAGCTC  
AGAGGCTGAACGGCAGGACTTGGGAAAGTCGAGGTGACAGTGTGGACCCCACTCCTTGGACCCCAAT  
CGCTGTGAGAGCTGTACGGCGCTGAGTCAGAAGACATCAAGTGCTGTAACAGTTGTGAAGATGTGCGGG  
AGGCCTATCGCCGTGAGGCTGGGCCTTCAAGAACCCGGACACCATGAGCAGTGTGCGCGAGAGGGCTT  
CAGCCAGAAGATGCAGGAGCAGAAGAATGAAGGCTGCCAGGTGTACGGCTTCTTGGAGGTCAACAAGGTG  
GCTGGAACCTCCACTTTGCCCTGGGAAGAGCTTCCAACAGTCTCATGTGCATGTCCATGCTGTGGAGA  
TTCATGACTTGCAGAGCTTTGGCCTTGACAATCCATCTGATTGCTTGCAGATCAACATGACACACTACAT  
CAAGCACCTGTATTTCGGGGAGGACTATCCAGGAATCGTGAACCCCTAGACCACACCAACGTGACTGCA  
CCCCAAGCCTCCATGATGTTCCAGTACTTTGTGAAGGTGGTGCCACAGTGTACATGAAGGTGGACGGGG  
AGGTGCTGAGGACTAACCAGTTCTCCGTGACCAGGCACGAGAAGGTTGCCAATGGGCTCCTGGGTGACCA  
GGGCTGCGGGGGTCTTTGTGCTGTATGAGCTCTACCAATGATGGTGAAGCTGACGGAGAAACACAGG  
TCCTTACCCACTTTCTGACAGGTGTGTGCCATCATTGGGGGCATGTTTACAGTGGCCGGCCTATTG  
ACTCGCTCATCTACCACTCCGCTCGGGCCATCCAGAAGAAAATTGACCTAGGGAAGACACGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCN:</b>                  | BC057130                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Insert Size:</b>           | 1185 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>                | <u><a href="#">BC057130</a></u> , <u><a href="#">AAH57130</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 1409 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>            | 1184 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>              | 66366                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Cytogenetics:</b>          | 2 77.32 cM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Gene Summary:</b>          | Possible role in transport between endoplasmic reticulum and Golgi.[UniProtKB/Swiss-Prot Function]                                                                                                                                                                                                                                                                                                                                                                                                                |