

## Product datasheet for MC210340

### Blzf1 (NM\_025505) Mouse Untagged Clone

#### Product data:

|                      |   |
|----------------------|---|
| Product Type:        | Expression Plasmids   |
| Product Name:        | Blzf1 (NM_025505) Mouse Untagged Clone  |
| Tag:                 | Tag Free  |
| Symbol:              | Blzf1   |
| Synonyms:            | 1700030G05Rik; Blzf1l; Golgin-45; Jem-1   |
| Vector:              | pCMV6-Entry (PS100001)  |
| E. coli Selection:   | Kanamycin (25 ug/mL)  |
| Cell Selection:      | Neomycin  |
| Fully Sequenced ORF: | >MC210340 representing NM_025505<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGAAAAATGACTACCCTTAAAAGTTCGGAAAACAAAGGAAACAAGAAATGATGAAAGGCATCCTTA  
CTTCGACCCCAATCCGAGGAGCAGGAGATGGAATGGAAACGGAGGAGCCCTAAGTCTGTTGAAGTCAC  
CCACGGAGTCCAACCCATAAATCAACATGTCCTTCCAAGTCCACGGAAGAAAGTGTCTCAGACAGCCCG  
GGCGTTCTTCAGCTGGGGAAGATTCTTAATGAAAGAACAGTGGAAGTTGAAGCTGTGAGAATATTGTTTC  
CCAAAGCTGCTATCACTCACGACATCCCCACCAAGAACACAAAGGTTAAGTCCCTAGGACATCACAGAGA  
AGAACTCCACAATCAGGCAGAAGTGGTCACAGACCCAAGGAAGGAAGTCTCAGAGGTAAGAAGGTTTTG  
GAAAAGCTCAAGAATTCTGAAAGGAGGCTACTTCAGGACAAAGAAGGCCTTTCCAATCAGCTCCGAGTAC  
AGACAGAGATAAATCGTGAGTTAAAGAAGTACTCGTGGCTTCTGTTGGGGATGACCCGCAGTATCACTT  
TGAACGCTAGCCCGGGAGAAGAACCAGCTCATTTAGAAAATGAAGCACTAGGTCGGAACACAGCCCG  
CTTTCTGAACAGCTGGAACGGATGTCAATACAGTGGATGTCTGGAGAAGTAAATTCCTTGAAGCAGGG  
TAATGGCAGATGAGTTAAACAACTTCAGAGTGGTTTTACAGCGTCAGAACCAGATGCCAGAGCGCTAT  
CCAGGATCTCCTGAGTGAACGAGAGCAGTTTTCGTCAGGAAATGACCTTACCCAAAAATTTTTGGAAGAA  
CTTTGGTCTCCTTACAGTGGGGAGAGAGCAGACATACTCCCCTAACACACAGCCCATAGCACGGCAG  
ACTTAGCACTCACGAACCATGGACTGGCACAAGCAATACATGCCCATCTGTTGGGGAATGTTGGCATTAG  
CCATCAAAGAAGATTCCAACAACAGTCGAATTCTGCAGTACCCAGCTGAGAAAATGGCTGAAAAGGTT  
CTGCGGATTTGGATCCAGTTGCCTGTACAGAGAGCTCTCCGGACAACCAATTTGCTGAATCTTACCAA  
CCACATTACTCACTACAAAGAAAAATTTGGACGTTTTCCATCCCTATACCAGATATGAAAATATACTTT  
CAATTGCTGCAATCACTGCCAGGGGAGCTCATTGCTCTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                               |   |
|-------------------------------|---|
| <b>Restriction Sites:</b>     | Sgfl-Mlul   |
| <b>ACCN:</b>                  | NM_025505   |
| <b>Insert Size:</b>           | 1233 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_025505.4</a> , <a href="#">NP_079781.2</a>   |
| <b>RefSeq Size:</b>           | 3948 bp   |
| <b>RefSeq ORF:</b>            | 1233 bp   |
| <b>Locus ID:</b>              | 66352   |
| <b>UniProt ID:</b>            | <a href="#">Q8R2X8</a>  |
| <b>Cytogenetics:</b>          | 1 H2.2  |
| <b>Gene Summary:</b>          | Required for normal Golgi structure and for protein transport from the endoplasmic reticulum (ER) through the Golgi apparatus to the cell surface.[UniProtKB/Swiss-Prot Function]<br>Transcript Variant: This variant (1) encodes the longer isoform (a).   |