

## Product datasheet for **MC217820**

### Blzf1 (NM\_001160209) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Blzf1 (NM\_001160209) 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:** >MC217820 representing NM\_001160209  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAAAAATGACTACCCTTAAAAGTTCGAAAAACAAAGGCATCCTTACTTCGACCCCAATCCGAGGAG  
 CAGGAGATGGAATGAAACGGAGGAGCCCCCTAAGTCTGTTGAAGTCACCCACGGAGTCCAACCCATAAA  
 TCAACATGTCCTTCCAAGTCCACGGAAGAAAGTGTCTCAGACAGCCCGGCGTTCCTCAGCTGGGGAAG  
 ATTCTTAATGAAAGAACAGTGGAAAGTTGAAGCTGTGAGAATATTTGTTCCCAAAGCTGCTATCACTCAGG  
 ACATCCCCACCAAGAACAAGGTTAAGTCCCTAGGACATCACAGAGAAGAACTCCACAATCAGGCAGA  
 AGTGGTCACAGACCCAAGGAAGGAACTCTCAGAGGTAAAGAAGTTTTGGAAAAGCTCAAGAATCTGAA  
 AGGAGGCTACTTCAGGACAAAGAAGGCCTTCCAATCAGCTCCGAGTACAGACAGAGATAAATCGTGAGT  
 TAAAGAAGTTACTCGTGGCTTCTGTTGGGGATGACCCGCAGTATCACTTTGAACGTCTAGCCCGGGAGAA  
 GAACAGCTCATCTTAGAAAATGAAGCACTAGGTGCGAACACAGCCAGCTTTCTGAACAGCTGGAACGG  
 ATGTCAATACAGTGCGATGTCTGGAGAAGTAAATCCTTGCAAGCAGGGTAAATGGCAGATGAGTTAACAA  
 ACTTCAGAGTGGTTTTACAGCGTCAGAACCAGATGCCAGAGCGCTATCCAGGATCTCCTGAGTGAACG  
 AGAGCAGTTTTCGTCAGGAAATGACCTCTACCCAAAAATTTTTGGAAGAAGCTCTTGGTCTCCTTACAGTGG  
 GGGAGAGAGCAGACATACTCCCCAACACACAGCCCATAGCACGGCAGACTTAGCACTCACGAACCATG  
 GACTGGCACAAGCAATACATGCCATCTGTTGGGGAATGTTGGCATTAGCCATCAAAAGAAGATCCAAC  
 AACAGTCGAATCTGCAGTACCCAGCTGAGAAAATGGCTGAAAAGGTTCTGCGGATTTTGGATCCAGTT  
 GCCTGTACAGAGAGCTCTCCGACAACCAATTTGCTGAATCTTCCACCAACCACATTACTCACTACAAAGA  
 AAAATATTGGACGTTTCCATCCCTATACCAGATATGAAAATAAATTTCAATTGCTGCAATCACTGCCA  
 GGGGAGCTCATTGCTCTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001160209
<b>Insert Size:</b>	1212 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="#">NM_001160209.1</a></u> , <u><a href="#">NP_001153681.1</a></u>
<b>RefSeq Size:</b>	4014 bp
<b>RefSeq ORF:</b>	1212 bp
<b>Locus ID:</b>	66352
<b>UniProt ID:</b>	<u><a href="#">Q8R2X8</a></u>
<b>Cytogenetics:</b>	1 H2.2
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon and differs in the 5' UTR compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Variants 2 and 3 both encode isoform b.</p>