

Product datasheet for **SC128233**

BLZF1 (NM_003666) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BLZF1 (NM_003666) Human Untagged Clone
Tag:	Tag Free
Symbol:	BLZF1
Synonyms:	GOLGIN-45; JEM-1; JEM-1s; JEM1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC128233 sequence for NM_003666 edited (data generated by NextGen Sequencing)

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ATGACTACTAAAAATTTAGAAACCAAGTCACCGTTACTTCATCCCCAATCCGAGGAGCA
GGAGATGGAATGGAACTGAGGAACACCTAAATCTGTTGAAGTTACCTCCGGAGTCCAA
TCTAGAAAAGCATCATAGTCTTCAGAGTCCATGGAAGAAAAGCAGTTCCATCAGAGAGCCCA
GGAGTTCTTCAGCTAGGGAAAATGCTCACTGAAAAAGCAATGGAAGTTAAAGCTGTAAGA
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AAGGAACCTCAGAGGTAAGAATGTATTGAAAAAGCTCAAGAATTCTGAAAGAAGGTTA
CTACAGGACAAAAGGTCCTTCAAACAGCTCCGTGTACAGACAGAGGTAATCGTGAG
TTAAAAAAGTTACTGGTGGCTTCTGTTGGGGATGATCTTCAGTATCACTTTGAACGTCTA
GCCCGTGAGAAAAATCAGCTTATTTAGAAAATGAAGCCCTAGGTCGAAACACAGCTCAG
CTTTCTGAACAGTTAGAACGTATGTCAATACAGTGTGATGTATGGCGAAGTAAATTCCTT
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CGTGATGCACACGGGGCTATACAAGATCTCCTAAGTGAACGGGAACAGTTTCGTCAAGAA
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CAAACCTACTCCCTAGTGTACAACCCACAGCACAGCAGAGCTAGCATTAAACAATCAC
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CTAAGAATTTTAGATCCAGTTACCTGCAAAGAGAGTTACCTGATAATCCATTTTTTTGAG
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AGATATGAAAATATAACTTTCAATTGCTGCAATCACTGCCGGGGAGAACTGATTGCCCTT
TAA
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Clone variation with respect to NM_003666.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_003666 unedited</p> <pre>GAGTTCATCATTTGTNATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGTCCGGC TTCCGATGGAATAGTCTGTGAGAAGTTAACCTGGTGATACCGATCCGAAGAGCCTATCAA GTGAAGCCCCCTGAATACGGAGAATAAGAATCTTATAGGTTGTTCCAGCAGAAGTCTTGGA GTGCATTTTCAGTGGTTAAAGTGAAAAATGACTACTAAAAATTTAGAAAACCAAGTCAC CGTTACTTCATCCCCAATCCGAGGAGCAGGAGATGGAATGGAACTGAGGAACCACCTAA ATCTGTTGAAGTTACCTCCGGAGTCCAATCTATAAAGCATCATAGTCTTCAGAGTCCATG GAAGAAAAGCAGTTCCATCATATAGCCCATGAGTTCTTCAGCTAAGGAAAAATGCTCACTGA AAAAGCAATGGAAGTTAAAGCTGTAAAGAATATTAGTTCCTCAAAGCTGCTATAAATCATGA TATCCCCAACAAAAATACAAAGGTTAAGTCTCTGGGACATCATAAAGGATAATTCCTTGG TCAGTCAGAGGGAGTTATAGAACCTAATAAGGAACTCTCAGAGGTAAGAATGTATTGGA AAAGCTCAAGAATTCTGAAAGAAGGTTACTACAGGACAAAGAAGGTTCTTCAAACAGCT CCGTGTACAGACAGAGGTAATCGTGAGTTAAAAAAGTTACTGGTGGCTTCTGTTGGGGA TGATCTTCAGTATCACTTTGAACGTCTAGCCCGTGAGATAATCAGCTTATTTAGATAATG AAGCCCTATGTGCAACACAGCTCAGCTTCTGAACAGTTAGAACGTATGTCAATACAGTG TGATGTATGGCGAAGTAAATTCCTTGAAGCATGGNTATGGCAGATGATGTAACCAACT AGAAGCAGCTTACACGCTCAT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_003666 unedited</p> <pre>NCCCACCATTGTGGNGATGGCAACTTCCCAGGNCCAGNGANGAACACTGGGNGAGGGGTC ACAGGGNATGCCACCCGGGNCATCTGTTCCAGGAAAAGCTATGACCGCGGCCGCAATCTAG AGTCGAGTTTTTTTTTTTTTTTTTCTCTTCTCTCTTTTTCTTTTCTTCTGTCAACAGGC TGGAGTGCAGTGGCATGATCTCAGCTCACTGCAACCTCACCTCCAGGTTCAAGTGATT TTCCACCTCAGCTCCCAAGTAGCTGGGACCACAGGTGTGACCACCACACCTGGCTAA TTTTTATATTTTTTTGTAGAGATGGGGTCTCACCATGTTGCTCAGGCTGGTCTCAAAC CCAGACCTCAAGTGATCCGCCACCTTGGCCTCCCAAAGTGTGAGATTAGAGGCATGAG CCACCATGCCAGCTCCTTTTTGTTTTCTAACATACCCTTTTATTATAACAGAAACAG TAAATGTGCATTGTAGAAATGGAGCGGTTTCAAGTTACATTTTTCATCACCAGAAATTTG GACTGTTAACACAGTATGCATACTGTCTAAGTATTTGTCTGTACATGTATTTACAATTT CAAATACTGAGATCATACTGTATTTCTGCAATCTGCTTTTCATTAATGATATTACCGGA TATCCAGCCCATATCCATTTATTCCCACTAACCCATAAATGACTTACAGTTTATTGTC TTAAACTAGTAGCCCATTCNAGACCACATATCATCAGATTATGAAATTTAGTAAGTTTCC TTTTTTCTAAAACAATAATTTAATTGTTTATTCTTAGCAGGCCTCCACATATTGACTG GTAAAAGGCAAATCAGTTCCTCCCGGGAATGATTGGAGCAAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_003666
Insert Size:	2500 bp
OTI Disclaimer:	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).
Components:	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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_003666.2](#), [NP_003657.1](#)

RefSeq Size: 2344 bp

RefSeq ORF: 1203 bp

Locus ID: 8548

UniProt ID: [Q9H2G9](#)

Cytogenetics: 1q24.2

Protein Families: Transcription Factors

Gene Summary: 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]