

## Product datasheet for **SC322685**

### ZNF224 (NM\_013398) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF224 (NM_013398) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF224
Synonyms:	BMZF-2; BMZF2; KOX22; ZNF27; ZNF233; ZNF255
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for SC322685  
 GGTTCGTCGAGTTTTTCCGCGATAGTTTGGGGCAGTTCGCGCGTTCGAGGCCCTTCTGA  
 ATTTCTGGACCTACGCATTGGATCCTCAAAGAACTGCTGAATACCACTAGAAACATACC  
 TGTAACCAGAGACAGCTGATTATAGCTTTCTGCAGCAAGGAAGCCACGTACCAGGGGCT  
 GTCTTGGCACAATTCTGCTTTCCAGGAACTGCATCACTCAGGACTCTGCAAGTTCCAG  
 AAGTAAGAGGGAAAATGACCACGTTCAAGGAGGCAATGACCTTCAAGGACGTGGCTGTGG  
 TCTTCACTGAGGAAGAGCTGGGCTGTGACCTTGTCTCAGAGGAAGCTGTATCGAGATG  
 TGATGCTGGAGAACTTCAGGAACCTGCTCTCAGTGGGACATCAAGCATTCCACAGGGATA  
 CTTTCCACTTCTAAGGGAAAGAAAAGATTTGGATGATGAAGACAGCAATCCAAAGGGAAG  
 GGAATTCAGGAGACAAGATCCAACTGAGATGGAGACTGTTTCAGAAGCAGGAACACATC  
 AAGAGTGGTCTTCCAGCAAATCTGGGAAAAAATTGCAAGTGATTTAACCAGGTCTCAAG  
 ACTTGGTGATAAATAGCTCTCAGTTCTCCAAAGAAAGGTGATTTCCCTGCCAGACTGAGG  
 CAGGACTATCTGTAATTCACACAAGACAGAAATCTTCCAGGGCAATGGATATAAACCAT  
 CCTTCAGTGATGTCTCCCTCTTTGATTTTCATCAACAATTACACTCAGGAGAGAAATCTC  
 ATACGTGTGATGAGTGTGAAAGAACTTTTGTACATCTCAGCCCTTCGTATTCATCAGA  
 GAGTCCACATGGGAGAGAAATGCTATAAGTGTGACGTGTGTGGTAAGGAATTCAGTCAGA  
 GTTCACATCTGCAAACTCATCAGAGAGTCCACACTGGAGAGAAACCGTTCAAATGTGTGG  
 AATGTGGGAAAGGCTTCAGTCGTAGATCAGCACTTAATGTTTCACAAAATTACACACAG  
 GAGAGAAACCTTATAATTGTGAGGAATGCGGGAAGGCCTTCATTCACGATCCCAGCTTC  
 AAGAACATCAGAGAAATCCATACGGGGGAGAAAGCCATTCAAATGTGATATATGTGGTAAGA  
 GCTTCTGTGGTAGATCAAGACTTAATAGGCATTCATGGTTCACACGGCAGAGAAACCAT  
 TCCGATGTGATACGTGTGATAAGAGCTTTCGTGAGAGATCAGCACTTAATAGTCATCGCA  
 TGATCCACACAGGAGAGAAACCATACAAATGTGAGGAGTGTGAAAAGGCTTTATTTGTA  
 GGCGAGATCTTTATACGCATCATATGGTCCACACGGGAGAAAAGCCATATAATTGTAAG  
 AGTGTGGGAAGAGCTTCAGATGGCCTCGTGTCTTTTGAACATCAGCGAGTCCACAGTG  
 GAGAAAAACCATCAAATGTGAAGAATGTGGGAAAGGATTTTACACAAATTCACAATGCT  
 ATTTCCACCAGAGATCCCATAGTGGAGAAAAACCATACAAATGTGTGGAGTGTGGGAAGG  
 GCTACAAAAGGAGGTTGGATCTTGACTTTCACCAGCGCTCCATACAGGAGAGAAACTGT  
 ATAATTGAAGGAATGTGGGAAGAGCTTGTAGTCGGGCCCATGTCTTTTGAACATGAGA  
 GACTCCACAGTGGAGAAAAACCATTCCAATGTGAAGAGTGTGGGAAGAGATTTACTCAA  
 ATTCACATCTTCATCCCATCAGAGAGTTCACACTGGAGAAAAGCCATACAAATGTGAGA  
 AGTGTGGAAAGGCTACAATAGTAAGTTTAACTTGTATATGCACCAAGAGTCCACACAG  
 GAGAGAGACCATACAATTGTAAGGAATGTGGGAAGAGCTTTGGCTGGGCCTCGTGTCTTT  
 TGAAACATCAGAGACTGCACAGTGGAGAAAAACCATCAAATGTGAAGAGTGTGGGAAAA  
 GATTTACTCAGAAATTCACAGCTTCATTCATCAAAGAGTGCACACTGGAGAAAAGCCAT  
 ACAAAATGTGATGAGTGTGGGAAGGGCTTCAGCTGGTCTCAACTCGTCTGACCCATCAGA  
 GACGCCACAGCAGAGAAACCTCTCAAATGTGAGCAGCATGGGAAGAACATTGTACAGA  
 ATTCATTCTCTAAAGTGAAGAAAAAGTTCACAGTGTAGAAAAGCCATACAAATGTGAGG  
 ACTGTGGGAAGGGCTACAACAGGCGCTTGAATCTTGATATGCATCAGAGGGTCCACATGG  
 GAGAGAAAAACATGGAAGTGTAGGGAGTGTGATATGTGCTTTAGTCAGGCCTCAAGCTTC  
 GACTTCATCAGAATGTTGATGTTGGAGAAAAACCTTAGTGATGTGATGGTGAATAAAGT  
 CTTCACTCAGTCTTCATGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_013398

**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).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_013398.1</a> , <a href="#">NP_037530.1</a>
<b>RefSeq Size:</b>	2466 bp
<b>RefSeq ORF:</b>	2124 bp
<b>Locus ID:</b>	7767
<b>UniProt ID:</b>	<a href="#">Q9NZL3</a>
<b>Cytogenetics:</b>	19q13.31
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	This gene encodes a member of the Krueppel C2H2-type zinc-finger family of proteins. The encoded protein represses transcription of the aldolase A gene, which encodes a key enzyme in glycolysis. The encoded zinc-finger protein may also function as a transcriptional co-activator with Wilms' tumor protein 1 to regulate apoptotic genes in leukemia. [provided by RefSeq, Jul 2016]