

Product datasheet for **SC124453**

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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_013398, the custom clone sequence may differ by one or more nucleotides

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ATGACCACGTTCAAGGAGGCAATGACCTTCAAGGACGTGGCTGTGGTCTTCACTGAGGAAGAGCTGGGGC
TGCTGGACCTTGCTCAGAGGAAGCTGTATCGAGATGTGATGCTGGAGAATTTCAGGAACCTGCTCTCAGT
GGGACATCAAGCATTCCACAGGGATACTTCCACTTCCTAAGGGAAGAAAAGATTTGGATGATGAAGACA
GCAATCCAAAGGGAAGGGAATTCAGGAGACAAGATCCAAACTGAGATGGAGACTGTTTCAGAAGCAGGAA
CACATCAAGAGTGGTCCTTCCAGCAAATCTGGGAAAAAATTGCAAGTGATTTAACCAGGTCTCAAGACTT
GATGATAAATAGCTCTCAGTTCTCCAAAGAAGGTGATTTCCCCTGCCAGACTGAGGCAGGACTATCTGTA
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AAGGAATTCAGTCAGAGTTCACATCTGCAAACTCATCAGAGAGTCCACACTGGAGAGAAACCGTTCAAAT
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ATCCATACGGGGGAGAAGCCATTCAAATGTGATATATGTGGTAAGAGCTTCTGTGGTAGATCAAGACTTA
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GTAAAGAGTGTGGGAAGAGCTTCAGATGGGCCTCGTGTCTTTTGAACATCAGCGAGTCCACAGTGGAGA
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GAGACCATACAATTGTAAGGAATGTGGGAAGAGTTTGGCTGGGCCTCGTGTCTTTTGAACATCAGAGA
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ATTCTCATCAAAGAGTGACACTGGAGAAAAGCCATACAAATGTGATGAGTGTGGGAAGGGCTTCAGCTG
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AAGAACATTGTACAGAATTCATTCTCTAAAGTGCAAGAAAAAGTTCACAGTGTAGAAAAGCCATACAAAT
GTGAGGACTGTGGGAAGGGCTACAACAGGCGCTTGAATCTTGATATGCATCAGAGGGTCCACATGGGAGA
GAAAACATGGAAGTGTAGGGAGTGTGATATGTGCTTTAGTCAGGCCTCAAGCCTTCGACTTCATCAGAAT
GTTTCATGTTGGAGAAAAACCTTAG

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_013398 unedited <pre> NGGTTTCGGAATTTGAACACGATTCTATAGGCGGCCGCGCAATTCGCACGAGGACACTT CCGTTCCGGGACTGAGGTTGCTGCAGTTTTCCGCGATAGTTTGGGGCAGTTCCGCGCGT TGCAGGCCCTTCTGAATTTCTGGACCTACGCATTGGATCCTCAAAGAACTGCTGAATAC CACTAGAAACATACCTGTAACCAGAGACAGCTGATTATAGCTTTCTGCAGCAAGGAAGCC CACGTACCAGGGGCTGTCTTGGCACAATTCTGCTTTCCAGGAACTGCATCACTCAGGAC TCTGCAAGTTTCCAGAAGTAAGAGGGAAAATGACCACGTTCAAGGAGGCAATGACCTTCA AGGACGTGGCTGTGGTCTTCACTGAGGAAGAGCTGGGGCTGCTGGACCTTGCTCAGAGGA AGCTGTATCGAGATGTGATGCTGGAGAAGCTTCAGGAACCTGCTCTCAGTGGGACATCAAG CATTCCACAGGGATACTTTCCACTTCCTAAGGGAAGAAAAGATTGGATGATGAAGACAG CAATCCAAAGGGAAGGGAATTCAGGAGACAAGATCCAACTGAGATGGAGACTGTTTCAG AAGCAGGAACACATCAAGAGTGGTCCTTCCAGCAAATCTGGGAAAAAATTGCAAGTGATT TAACCAAGTCTCAAGACTTGGTGATAAATAGCTCTCAGTTCTCAAAGAAGGTGATTTC CCTGCCAGACTGAGGCAGNGACTATCTGTATTCACACAAGACAGAAATCTCCCCAGGGC ATGGATATAAACCATNCTTCAGNGATGTCTNCTCTNTGATTNTCATCAACAATTACACT TCAGAGAGAAATCTCATACGTGTGATGAGTGTGGGAAAGAACTTTNGNTACATCTCAGCC CT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_013398
Insert Size:	4100 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_013398.1 , NP_037530.1
RefSeq Size:	2466 bp
RefSeq ORF:	2124 bp
Locus ID:	7767
UniProt ID:	Q9NZL3
Cytogenetics:	19q13.31
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors

Gene Summary:

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]