

Product datasheet for **SC112767**

ZNF622 (NM_033414) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF622 (NM_033414) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF622
Synonyms:	ZPR9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_033414 edited
 GAATTCGGCAGGAGGTTCTGGCTGCTGAGGCGGGTTAAGGTCTGAGGTCTTGTGGGGC
 CACGGCGCTGATCACCAGGTGTTTGGCTTGGTCGGTCTTATTTCTCGCTGGCAATGGC
 GACGTACACCTGCATAACTTGCCGGGTGGCGTTCCGCGACGCGGACATGCAGCGGGCCCA
 CTATAAGACGGACTGGCACCCTACAACCTGCGGCGGAAGGTGGCCAGCATGGCCCCAGT
 GACCGCGGAGGGCTTCCAGGAGCGAGTGGGGCGCAGCGGGCCGTGCGGAGGAGGAGAG
 CAAGGGCTCGGCCACCTACTGCACCGTTTGCAAGTAAGAAGTTTGCCTCTTTCAACGCCTA
 CGAGAACCACCTCAAGTCCCGGCTCACGTTGAGCTGGAGAAGAAGGCCGTGCAGGCAGT
 GAATCGGAAAGTGAGATGATGAATGAAAAGAAGTTGGAGAAAGGACTGGGCGTGGACAG
 TGTGGACAAGGATGCCATGAACGCGGCCATCCAGCAGGCCATCAAGGCCAGCCGTCCAT
 GTCTCCCAAGAAGGCGCCCCAGCGCTGCAAAGGAGGCCAGGAATGTCGTGGCGTGGG
 TACTGGTGGCGTGGGACCCACGACCGAGACCCGAGTGAAGAACACCCCGGCTCCAGTG
 GTTTGAACAGCAGGCGAAGAAGTTGGCAAAGCAGCAGGAGGAGGACGCGAGGAGGAGGA
 AGAGGACCTGGATGGAGACGATTGGGAAGATATTGATTCTGATGAAGAATTGGAATGTGA
 GGATACTGAAGCAATGGACGATGTGGTGGAGCAGGATGCAGAGGAGGAAGAGGCTGAGGA
 AGGCCCCACCCCTTGGTGCCATCCCTATCACGACTGCTTATTTTGTCCCATCATTCCAG
 CTCGCTGATGAAGAATGTGGCTCACATGACCAAAGACCACAGTTTCTTTATTCCTGATAT
 AGAATATCTTTAGATATTAAGGACTGATTAATACTTGGGAGAGAAAGTTGGTGTGG
 CAAGATTTGCTTGTGGTGAACGAGAAAGGGAAGTCTTCTACTCCACAGAAGCTGTACA
 GGCACATATGAATGACAAAAGCCACTGTAAGCTCTTACAGATGGCGATGCTGCTTTGGA
 ATTTGCAGACTTCTATGATTTTAGGAGTAGCTATCCAGATCACAAGGAAGGGGAGGACCC
 CAATAAGGCTGAGGAGTTGCCCTCAGAAAAGAAGTTGGAATATGATGATGAAACCATGGA
 ATTGATTCTGCCTTCTGGTGCCAGAGTGGGTGCTCGCTCCTTGATGAGATACTACAAACA
 GCGATTTGGCTTGTCAAGAGCTGTGGCAGTTGCCAAAAATCGGAAGGCCGTGGGCGGAGT
 ACTTCAGCAGTACAGAGCCCTGGGATGGACTGGCAGCACAGGAGCGGCTCTTATGCGAGA
 GCGAGACATGCAGTATGTCCAAAGGATGAAATCAAATGGATGCTGAAGACAGGAATGAA
 GAACAATGCCACCAAGCAGATGCACTTTCCGGTCCAAGTGAGATTCTGAGAGTCTGCTGG
 GATTGAGCAATCATCTCCTGCCCAAGTTTCTCCTTGCCTGAGGACCAAGTGAAGACAG
 ATCATAGGAGAGACCCCTTTGCTGCTACTTCATTCTGTTCTGACCTAATAATAAAAGTTAG
 AACCATAAACT
 CGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033414 unedited
 GTATACGACTCTATAGGGCGGCCGCGATTGCGCAGGAGTCTGGCTGCTGAGGCGGG
 TTAAGGTCTGAGGGTCTTGTGGGGCCACGGCGCTGATCACCAGGTGTTTGGCTTGGTCGG
 TTCTTATTTCTCGCTGGCAATGGCGACGTACACCTGCATAACTTGCCGGGTGGCGTTCC
 GCGACGCGGACATGCAGCGGGCCCACTATAAGACGGACTGGCACCCTACAACCTGCGGC
 GGAAGGTGGCCAGCATGGCCCCAGTGACCGCCGAGGGCTTCCAGGAGCGAGTGGGCGCGC
 AGCGGGCGCTGCGGAGGAGGAGCAAGGGCTCGGCCACCTACTGCACCGTTTGCAAGTA
 AGAAGTTTGCCTCTTTCAACGCCTACGAGAACCACCTCAAGTCCCGGCGTCACGTTGAGC
 TGGAGAAGAAGGCCGTGCAGGCAGTGAATCGGAAAGTGAGATGATGAATGAAAAGAAGT
 TGGAGAAGGACTGGGCGTGGACAGTGTGGACAAGGATGCCATGAACGCGGCCATCCAGC
 AGGCCATCAAGGCCAGCCGTCCATGTCTCCAAGAAGGCGCCCCAGCGCTGCAAAGG
 AGGCCAGGAATGTCGTGGCGTGGGTACTGGTGGCGTGGGACCCACGACCGAGACCCGA
 GTGAGATACCACCCCGCTCCAGTGGTTTGAACAGCAGGCGAAAGAGTTGGCAAAGCAGC
 AGGAGGAAGACAGCGAGGAGANGAAGAGGACCTGGATGGAGACGATTGGGAAGATATTG
 ATTCTGATGAAGAATNNGNATGTGAGGATACTGAAGCATGGACGATGTGGTGGAGCAGGA
 TGCANAGANGAATNAGCTGANGAANGCCACCCTTTGGTGCCATCCTATCACGACTGCTN
 NNATTTGTCCCATCATTC

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_033414 unedited <pre> NNCCATAGCTCTGNACCCGCGGCCGCATNCTAGNATCGAGTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAGGGGTCTAAGTTTATTATTAGGCCAA AACGAATGAAGTACCCCAAAAGGGGCTCTCTATGATCTGGCTTCACTGGCCCTCAGG GCAAGGAGGAACTTGGGCAGGAAATGATTGCTCAATCCCAACAACTCTCAAAATCTCA CTTGGACCCCAAGGGCATCTGCTTGGGGCATTGGTCTTCATTCTGGCTTCAGCATCC ATTTTGATTTTCATCCTTTGGACATACTGCATGTCTCGCTCTCCATAAAAACCGCTCCTG TGCTGCCAGTCCATCCCAGGGCTCTGTACTGCTGAAGTACTCGGCCACGGCCTTCCGAT TTTTGGCAACTGCCACAGCTCTTGACAAGCCAAATCGTGTTTGTAGTATCTCATCAAGG AGCGATGACCCACTCTGGCCCCAAAAGGCAAAATCAATTCCATGGTTTCATCATCATATT CCAAGTTCTTTCTGAGGGCCACCCCTCACCTTATTGGGGCCCCCCCCCTTCTTGGGAT CTGGATAGCTACTCTAAAATCATAAAAGTCTGCAAAATCCAAAGCAGCATCGCCCTCTG TGAAAAGCTTACAGGGGCTTTTGCCATTATATGGGCTGTACAGCTTCTGTGGAGTAGA AGGACTTTCTTTCTCGTTGCACCCACAGCAAACTTGCCAACACCAACTTTCTCTCCCC AGTATTTAATCAGCCCCCTTAAATCTGAAAGAATTCTATATCAGGAATAAAGAACCTGGG GCTTTGGCCATGTGAGCCACAATCTCATTACGAGCTGGAAGATGGGACAAATAACG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_033414
Insert Size:	1500 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:	<u>NM_033414.2</u> , <u>NP_219482.1</u>
RefSeq Size:	1710 bp
RefSeq ORF:	1434 bp
Locus ID:	90441
UniProt ID:	<u>Q969S3</u>
Cytogenetics:	5p15.1
Domains:	ZnF_U1, zf-C2H2

Gene Summary:

May behave as an activator of the bound transcription factor, MYBL2, and be involved in embryonic development.[UniProtKB/Swiss-Prot Function]