

Product datasheet for **SC114745**

ZNF652 (NM_014897) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF652 (NM_014897) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF652
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC114745 sequence for NM_014897 edited (data generated by NextGen Sequencing)

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ATGAGCCACACAGCCAGTTCTTGTCTCAGGAGCTGGTTGAAAAGTGTGCTGTGCATGTAGCA
GGAATGGCACAAGAAGATAGCCGTCGTGGTCAAGTGCCATCTTCCTTTTATCATGGTGCC
AACCAAGAAGTACCTGTCCACCAAAGGTACAAAAGGGAATCAGGAAGTCCTTATTCT
GTGTTAGTGGACACCAAGATGAGCAAACCGCATCTCCATGAAACAGAAGAACAGCCATAT
TTCAGGGAGACAAGAGCAGTGTCTGACGTGCATGCTGTTAAGGAAGACCGGGAGAATTCT
GATGACACAGAGGAGGAAGAGGAAGAAGTCTTACAAAAGGGAGCAGATCATAGTGGAG
GTAAACCTTAATAATCAAACATTAATGTATCTAAAGGGGAAAAGGGTGTCTTCTCAG
TCCAAAGAGACTCCTGTTCTTAAGACAAGCAGTGAGGAGGAAGAGGAAGAGAGTGAGGAA
GAGGCCACAGATGACAGCAATGACTATGGAGAGAATGAAAAGCAGAAGAAAAAGGAGAAG
ATAGTAGAGAAAGTCAGCGTTACACAAAGGAGAACCAGGAGAGCTGCCTCTGTTGCCGCA
GCTACCACTTCCCCTACTCCCAGAACTACAAGAGGTCGTAGGAAGAGTGTAGAGCCACT
AAGCGTAAGAAGCGGGCCACAAAGGAGCCAAAGCACCAGTCCAGAAAGCTAAGTGTGAA
GAGAAAGAGACTCTGACCTGTGAGAAGTGCCCCAGGGTATTTAACTCGCTGGTACCTG
GAGAAGCATGAACGTTACTCATAGGCCATGCAGATTTGTGATAAATGTGGCAAGAAG
TTTGTCTGAAAAGTGAGCTGTCCCTTACCAGCAAACAGACTGTGAAAAAACATTTCAG
TGTGTTTCTGTAAACAAATCGTTCAAGAACTCTGGTCCCTTCATGAACATATCAAGATC
GTCCATGGATATGCAGAAAAGAAATTTTCTGTGAAATTTGTGAGAAGAAATTTCTATACC
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CGTCCCACATGAGCATTATATTGGGCACAAACAGTTCATGTGCCAGTGGTGTGGCAAG
GATTTCAACATGAAGCAGTACTTCGACGAACACATGAAAACACACACTGGAGAGAAACCC
TTTATCTGTGAAATCTGTGGCAAAGCTTACCAGCCGCCCAACATGAAGAGACACCGC
AGAACTCACACAGGCGAGAAGCCCTATCCATGTGATGTGTGTGGCCAGCGGTTCCGCTTC
TCGAACATGCTTAAGGCCACAAGGAGAAGTGCTTTCGGGTGACCAGCCCCGTAATGTG
CCACCTGCTGTCCAGATCCCCTTACAACCTCCCAGCCACCCAGTTCCTTCTGTGGTG
AACACAGCCACAACCCCAACCCCTCCAATCAATATGAATCCTGTAAGCACTTTCCTCCCT
CGGCCCATCCCCACCCCTTCTCACACCTGCACATCCACCCACACCTCACCACCCACAC
CACCTTCCCATCCCTCCAGTCCCTCACCTCCCGCCACCTCCAGCTCTCTTAAGAGTGAG
CCTTTAAATCATAGAGGCCAGAGTGAGGACAACCTTCTGCGGCACCTGGCAGAGAAGAAC
AGTTCAGCACAGCATATTAA
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Clone variation with respect to NM_014897.2

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014897 unedited
 GTTCACATTTGTATACGACTCCTATAGGGCGGCCGCAATTTCGCACCAGCCCAAGTCCCT
 TGCAGCTCTCTTCAAAGAAAAACACTAGTGCTGCTCTTGCCATAATACCAAACCTTT
 TTGACTCATGCTTTGGTGTGCAACACTGGAAGAATTGCACACAGTTCCAGGAATATCT
 TTTTTTCATTTGAGTGATTCTTTGTGGATGAGAAAAGATTTGAGTCTTAATAATTACCTT
 GTTTTAAAGCTATTTCTTATAGTCTGAACTGTTTAATAAATGGGCCACTTACCAATGA
 GCCACACAGCCAGTTCTTGTGAGGAGCTGGTTGAAAAGTGTGCTGTGCATGTAGCAGGAA
 TGGCACAAAGAAGATAGCGTTCGTGGTCAAGTGCCATCTTCTTTTATCATGGTGCCAACC
 AAGAAGTTGACCTGTCCACCAAAGTGTACAAAAGGGAATCAGGAAGTCTTATTCTGTGT
 TAGTGGACACCAAGATGAGCAAACCGCATCTCCATGAAACAGAAGAACAGCCATATTTCA
 GGGAGACAAGAGCAGTGTCTGACGTGCATGCTGTTAAGGAAGACCGGAGAATTCTGATG
 ACACAGAGGAGGAAGAGGAAGAAGTCTCTTACAAAAGGGAGCAGATCATAGTGGAGGTAA
 ACCTTAATAATCAAACATTAATGTATCTAAAGGGGAAAAGGGTGTCTTCTCAGTCCA
 AAGAGACTCCTGTTCTTAAGAACAGCAGTGAGGAGGAAGAGGAANAGAGTGAGGAAGAAG
 CCACAGATGACAGNCATGACTATGGNAGAGAATGAAAAGCAGAANAAGAGAAGATAG
 TAGAGAAAAGTCAGCGTTACACANAGGAGACCAGNAGAGCTGCCTCTGTTGCCGCAGCTAC
 CACTTCCCCTACTCCCAGACTAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014897 unedited
 ATGTACCGCGGCACGCAATCTAGTGTGAGTTTTTTTTTTTTTTTTTTTGGAGATGGATCTC
 GCTCTGTTGCCCATGCTGGAGCGCAGTGGCGCAATCTCGGCTCACTGCAAGCTCCGCCTC
 CTGGGCTCAATGTTGTGAATATTCTTAATGCATTTCAATTTTATATACAATATGATACT
 GATGAGGAGTCATTATATTCTGAGTAGTTTTCTGAAGACCACAAGTCTCAAGTCAAGGA
 AAGTATCCTTAATCTAAGGGAAGGAAAGGAAAGTTCTAAATTGTTCCACAATACACTTCA
 CTAAGAATTGACTGTATGACAATGCTAATTTTTAAAAATAATATATATATATATCTTTT
 GCTTCTGTTAAAGATGGTGGTATTTGCTTAATACTGGTTTTCTGTATAGCAGATATTTT
 CTTATGGCTATATTTACTTGAATGAAAAATCAAAGATGACTACCTGAATATTTCCAGTGTA
 TAATTACAGTACAACCTCATGAAATGGTTGATTCTGTGGTCTCAAGTCTAGAATCCAGAA
 TTGCTGCCCAATACTGTAATTTTATTGAGAACAAAATAAAGCAGTTGGACGTGGTGGCTC
 AGCCTGTAATCCAGCACTTTTCGGAGGCTGAAGTGGGCGGATCACAAAGTCAGGAGTTT
 GAGACCAGCCTGGCCAATATGGTGAAACCCCATCTCTGCCAAAAATACAAAACCTTATCCG
 GCGTGTGGCGCATGCCTGTAATTNCAGCTACTCGGATGCTGAAGCAAGATAATCACT
 TGAACCCGGNNGCGGGGGGTTGGCATGGACCAAGATCANCCCACTGCACTTCAGCCCA
 AGAACAGAACAAGACTCTGCCTCNNAAAAAAAAAAAAAAAAAACCGACCAATTACCCAC
 TTTCTTACCCAGTTAACTCTTTAAAAAATATTTAATACTACAGCTTGACCATAAATAAG
 ACTGGTCATTAATAATGAAGGTGACAACGTCTTGGATCCCAGGAATTGGGAGGAAAAGA

Restriction Sites:

NotI-NotI

ACCN:

NM_014897

Insert Size:

5270 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_014897.1](#), [NP_055712.1](#)

RefSeq Size: 5428 bp

RefSeq ORF: 1821 bp

Locus ID: 22834

UniProt ID: [Q9Y2D9](#)

Cytogenetics: 17q21.32-q21.33

Domains: zf-C2H2

Gene Summary: Functions as a transcriptional repressor.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.