

Product datasheet for **SC120654**

ZNF653 (NM_138783) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF653 (NM_138783) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF653
Synonyms:	E430039K05Rik; ZIP67
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_138783, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGAGCGGGCGCTAGAGCCCGAGGCGGAGGCGGAGGCTGAGGCGGGCGGGCGGGGAGGCAGCAG
CCGAGGAGGGCGCAGCGGGCCGAAAGGCGGGGCGGGCCGCGACTCACGGAGTCGGACCGGGCCCGGGC
ACGGCTCGAGTCCCGAAGAAGTACGACGTGCGGCGCGTGTACCTGGGCGAGGCGCACGGGCCCTGGGTG
GACCTGCGGGCGCGCAGCGGCTGGAGCGACGCCAAGCTCGCCGCTACCTCATCTCTGGAGCGCGGCC
AGCGGAGCGGCCGCCACGGGAAGCCTTGGGAGCAGGTCCCAAAAAGCCAAAGCGGAAGAAAAGCGGGC
ACGCAACGTGAAGTGCCTGAAGAAGCTGGTGTCTGGTACGAGGACCACAAGCACCGCTGCCCGTACGAG
CCGACCTGGCGGAGCTAGACCCCACTTTTGGCCTGTACACCACGGCCGTGTGGCAGTGCGAAGCTGGCC
ACCGCTACTTCCAGGACCTGCATTGCCCCCTGAAGCCCCCTCAGCGACTCAGACCTGACAGTGACAAAGT
GGGCAATGGGCTGGTGGCTGGCAGCTCTGACTCATCCAGCTCTGGCTCTGCCTCTGACTCTGAGGAGTCT
CCTGAGGGCCAGCCGGTCAAGGCTGCGGCAGCGCAGCGGACGCCACCAGCCCGGTGGGCAGCA
GCGGGCTCATCACTCAGGAGGGCTGCACATTCCTTTGACGTCCACCACGTGGAAGCCCTGGCCGAGCA
GGGTACCCCGCTGTGCTCCAACCCAGCAGGCAATGGGCCCTGAAGCCCTGGAGACAGTGGTGTGCGTGCCG
GTGCTGTGCAAGTGGGTGCGGGCCCCAGCGCCCTCTTTGAGAAGCTGCCCCAGGAGGCCCTGGGTGAGG
TGGTGGCCAGCTGCCCCATGCCAGGCATGGTGGCCGGCTCACAGGTGATCATATTGCGGGCCCTGGTTA
CGACGCTCTCACGGCCGAGGGCATTACCTCAACATGGCAGCAGGCAGCGGTGTCCCCGGCAGTGGACTG
GGCGAGGAGGTGCCCTGTGCCATGATGGAGGGTGTGGCAGCCTACACCCAGACAGAGCCCAGGGTAGCC
AGCCTAGCACCATGGACGCCACCGCAGTGCAGGCATCGAGACCAAGAAAGAGAAGGAGGACCTGTGCTT
GCTAAAGAAGGAGGAGAAGGAGGAGCCAGTAGCCCCGGAGCTGGCAACAACGGTGCCTGAGAGCCAGAG
CTGAGGCAGAGGCGGACGGGGAGGAGCTGGACGGCAGCGACATGTCAGCCATCATATGAAATCCCCA
AGGAGCCTGAGAAGAGGGCGGCGAGCAAGCGGTGCGGGGTGATGGATGCTGACGGCTCTCGAGATGTT
CCTACTGCCATACGAGGGCTGCAGCCAAGTCTACGTGGCCCTCAGCAGCTTCCAGAACCGTCAATCTT
GTGCATCGGAAAGGAAAGACCAAGTGTGCCCTCATCCTGGCTGTGGCAAGAAGTTCTATTTATCCAACC
ACCTGCGGCGGCACATGATCATCCATTCAGGTGTCCGTGAATTCACCTGCGAGACCTGCGGCAAGTCCTT
CAAGAGGAAGAACCACCTGGAGGTACATCGGCGCACCCACACCGGCGAGACCCCCCTGCAGTGCGAGATC
TGTGGCTACCAGTGCCGGCAGCGCGCTCGCTCAACTGGCACATGAAGAAGCACACTGCGGAGGTGCAGT
ACAACCTCACGTGCGATCGCTGCGGGAAGCGCTTCGAGAAGCTGGACAGCGTCAAGTTCACACGCTCAA
AAGCCACCCGGATCACAAGCCCACTGA
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_138783 unedited

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GGGGTTCAAATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGGGATG
GCGGAGCGGGCGCTAGAGCCCGAGGCGGAGGCGGAGGCTGAGGCGGGCGGGCGGGGAG
GCAGCAGCCGAGGAGGGCGCAGCGGGCCGAAAGGCGGGGCGGGCCGCGACTCACGGAG
TCGGACCGGGCCCGGCGACGGCTCGAGTCCCGAAGAAGTACGACGTGCGGCGCGTGTAC
CTGGGCGAGGCGCACGGGCCCTGGTGGACCTGCGGCGCTGCAGCGGCTGGAGCGACGCC
AAGCTCGCCGCTACCTCATCTCTCTGGAGCGGGCCAGCGGAGCGGCCGCCACGGGAAG
CCTTGGGAGCAGGTCCCCAAAAGCCAAAGCGGAAGAAAAGGCGGCGACGCAACGTGAAC
TGCCTGAAGAACGTGGTGTCTGGTACGAGGACCACAAGCACCGCTGCCCGTACGAGCCG
CACCTGGCGGAGCTAGACCCCACTTTTGGCCTGTACACCACGGCCGTGTGGCAGTGCGAA
GCTGGCCACCGCTACTTCCAGGACCTGCATTGCCCCCTGAAGCCCTCAGCGACTCAGAC
CCTGACAGTGACAAAGTGGGCAATGGGCTGGTGGCTGGCAGCTCTGACTCATCCAGCTCT
GGCTCTGCCTCTGACTCTGAGGAGTCTNNCTGAGGCCAGCCGGTCAAGGCTGCNGCAGCG
GCAGCGGCAGCGACGCCACCAGCCCCGGTGGGCAGCAGCGGGCTCATCACTCAGGAGGG
NCGTGACATTCCTTTTACGTCCACCACGTGGNAAAAGCCTGCCGAGCAGGGTACCC
GCTGTGCTCCACCCAGCAGCATGGNCCTGAGCCTGNAGAAATTGTGTGCGTGCCGGTG
CTGTGCAAGTGG
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_138783 unedited NNNNGGGTTTAGCTATGNNACCGCGCCGCATNCTANGATCGAGTTTTTTTTTTTTTTTTTTTT TTTCTCCTTTCTCGCTCTTAATCTCACTCTGCTCTTTGACACAGTTCCAGCAATGCAG CCCCAGGCACCAGCTCCGAGAAGGATGCGGTGGGGCGGGTGGGGAACCTGCCAGGGGG CCCAGCTCTGGGGCGGGCGGGGGCGCCTCCTCCGGCCCGGGTCCGGGCGGCCCTCGC AGCTGTCCAGGCCCGGCAAGCCCGGGCGTGGTGTCCGAGCGGACGAATAAATAGGGGCG GTCAGTGGTCAGGTGGGTGAGTGGGCTTGATCCGGGTGGCTTTTGAGCGTGTGGAAC TTGACGCTGTCCAGCTTCTCGAAGCGCTTCCCGCAGCGATCGCACGTGAAGTTGACTGC ACCTCCGCAGTGTGCTTCTTCATGTGCCAGTTGAGCGACGCGCGTCCCGCACTGGTAG CCACAGATCTCGCACTGCAGGGGGTCTCGCCGGTGTGGGTGCGCCGATGTACCTCCAGG TGGTTCTTCTTGAAGGACTTGCCGCAGGTCTCGCAGGTGAATTCACGGACACCTGAA TGGATGATCATGTGCCGCCAGGTGGGTGGATAAATAGAACTTCTGCCACAGCCGN ATGAGGGCACACTTTGGTCTTTCTTTCCGATGCACAAGATTGACGTGGTTCCTGGAAGC TGCTGAGGGCCACGTAACCTGGCTGCCGCCCTCCGATGGGCAGTGGGACAATCTGGAG CCGGCCGTTAGCATCCATTACCCGGGAACCGCTTGCTCCGGCCGCTTTTTTAGGCTC CTTGTGGGGTTTCATAAATGGATGGCTGAAATGTTCCCTGCCCTCCCA
Restriction Sites:	NotI-NotI
ACCN:	NM_138783
Insert Size:	5000 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:	<ol style="list-style-type: none"> 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_138783.1 , NP_620138.1
RefSeq Size:	2255 bp
RefSeq ORF:	1848 bp
Locus ID:	115950
UniProt ID:	Q96CK0
Cytogenetics:	19p13.2
Domains:	zf-C2H2
Gene Summary:	Transcriptional repressor. May repress NR5A1, PPARG, NR1H3, NR4A2, ESR1 and NR3C1 transcriptional activity.[UniProtKB/Swiss-Prot Function]