

Product datasheet for **SC328861**

ZNF454 (NM_001178089) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF454 (NM_001178089) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF454
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001178089, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGTGAGCCACCTGCCAACCATGGTCCAGGAATCGGTGACCTTCAAGGATGTGGCT
ATACTGTTACCCAGGAAGAGTGGGGCAGCTGAGCCCCGCCAGAGGGCCCTGTACAGG
GACGTGATGCTGGAGAATAACAGCAACCTGGTCTCACTGGGACTTTAGGACCCAAACCA
GATACGTTTTCCAGCTAGAAAAAGGGAAGTGGATGCCAGAGGACACCCCTGGAGGC
TTCTGTCTTGACTGGATGACTATGCCTGCCAGTAAGAAATCTACTGTCAAGGCAGAGATT
CCTGAAGAAGAATTGGATCAATGGACAATAAAGGAAAGATTTCAGTAGCAGTAGTCACTGG
AAGTGTGCTAGCCTGCTGGAGTGCAATGTGGAGGCCAGGAGATCAGTTTGCAGCGAGTG
GTAAGTCACTACACCCCAACACCCCATCACAGGAATGTGATGAATCCGGGAGCACTATGAGC
TCATCTCTTACAGTGATCAAAGTCAGGGATTTCAACCTAGCAAAAAATGCCTTTGAGTGT
AGTGAGTGTGGAAAAGTCTTCTCTAAGAGTTCAACTCTTAATAAACATCAGAAAAATTCAT
AATGAAAAAATGCAAAATCAGAAAATTCATATTAAGGAGAAAAGATATGAATGTAGAGAA
TGTGGGAAAGCCTTTACCAGAGTACGCACCTTATCCATCACAAAGAATTCACACTGGC
GAGAAACCCTATGAATGTAAGGAATGTGGCAAGGCCTTCTCAGTGAGCTCCTCACTTACG
TACCATCAGAAAATTCATCTACTGGAGAGAAGCCTTTTGAATGCAACTTATGTGGAAAAGCT
TTTATCCGAAATATACACCTTGCCCATCATCATAGAATACATACTGGAGAGAAAACCTTTT
AAATGTAACATTTGTGAAAAAGCCTTTGTGTGCAGGGCACACCTTACCAACACCAGAAT
ATCCACAGTGGAGAGAAAACCTATAAATGCAATGAATGTGAAAAAGCCTTTAATCAGAGT
ACAAGTTTCCTTCAGCATCAGAGAATTCACACTGGAGAGAAAACCTTTGAATGTAATGAA
TGTGGGAAAGCCTTCAGGGTGAACCTTCCCTTACTGAACATCAGAGAATTCATACTGGA
GAGAAAACCTTATAAATGTAATGAATGTGGGAAAGCTTTTCAGGGATAATTCATCCTTTGCA
CGACATCGGAAAATTCACACTGGAGAGAAAACCTTACAGATGTGGCTTGTGTGAGAAAAGCC
TTTCGGGACCAATCAGCACTAGCCCAACATCAGAGAATTCATACTGGGAAAAACCTTAT
ACATGTAACATATGTGAAAAAGCCTTTCAGTGACCATTACGCCCTTACCAACATAAGAGA
ATTCATACTAGGGAAAAACCTTACAAATGTAATACTGTGAGAAAAGCCTTTATCCGAAGC
ACTCACCTGACTCAACATCAGAGGATTCACACAGGAGAGAAAACCTATAAATGTAATAAA
TGTGGGAAAGCCTTTAACAGACTGCAAACTCATTACAGCATCAGAGACATCATATTGGA
GAGAAGTGA
    
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Restriction Sites: Please inquire

ACCN: NM_001178089

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).

OTI Annotation: 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.

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_001178089.1](#), [NP_001171560.1](#)

RefSeq Size: 2172 bp

RefSeq ORF: 1569 bp

Locus ID: 285676

UniProt ID: [Q8N9F8](#)

Cytogenetics: 5q35.3

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]