

Product datasheet for **SC321839**

ZNF169 (NM_194320) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF169 (NM_194320) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF169
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_194320.2
 TCGAATTTGCCTCTGCAACTTGACTCTCCTCTAGGAAGAGTACTCCAGAGAGCAGGGATA
 TGTACCAGGACTCCTGACAACCAGGAAGGAGGCATTGATGGCCTTCCGGGATGTGGCTG
 TGGCCTTACCAGAGAGGAGTGGAAAGCTATTGAGTTCTGCTCAGAGGACCCTGTACAGGG
 AGGTGATGCTGGAGAACTACAGCCATCTGGTCTCCCTGGGAATTGCATTTTCAAACCAA
 AACTCATCGAACAGCTGGAGCAAGGCGACGAACCTTGGAGAGAGGAGAACGAACATCTTC
 TGGACCTTTGTCCAGAGCTCAGACAATATGCGCTAAGTGGCCATCCCACACAGATCTTCC
 TTTCTAGCTCGCAGTCCCTCAGACAATATGCGCTAAGTGGCCATCCCACACAGATCTTCC
 CAAGCTCATCTGCAGGAGGTGACTTCCAAGTGAAGCTCCAAGATGCTCTAGTAAAAAG
 GAGAAAGTGGAGAGACAGAAGGCCCGACAGCTCATTAAAGAAAGAGGCCAAGCAGAATTT
 CTAGGACATTCTCAGCCACATCAAGGTGACCCAGTAGAATGGGTAGAAGGGAACAGAG
 AAGGAGGAACAGACCTTCGCTGGCCAAAGGATGAGTCTTGGGGGTGACAGACAATGT
 TGAAGGGAGCAGACACTCAGAATCTGGAGCAGTCATACGTGAAACTATAGACTGGGAC
 TTAGAAAAAGTCAAGCCTGTTCCAGCCACCAGAAGCATCATGTGTGCCCTGAATGCGGGA
 GAGGCTTTTGGCAGAGATCAGACCTTATCAAGCACCAGAGGACACACACCCGGGAGAAGC
 CATACCTGTGCTGAGTGTGGCGTGGTGTAGCCAGAAGGCCTCCCTCTCCATACACC
 AGAGGAAGCACTCGGGGAGAAGCCGTATGTGTGCAGGGAATGTGGGCGACACTTCAGGT
 ATACATCTCTCTCACTAATCACAAAGAGGATTCCTCCGGGGAGAGGCCCTTTGTATGTC
 AGGAGTGTGGGCGAGGCTTTCCGAGAGATAGCCCTCTTACACCAGAGGACGCACT
 TGGAGGAGAAGCCCTTCGTGTGCTGAGTGTGGGAGAGGCTTTTGGCAGAAGGCATCAC
 TCCTCCAGCACCAGAGCTCACACACAGGGGAGAGGCCCTTCTGTGCCTTGTGTGGG
 GTAGCTTCAGGCAGCAGTCACTCCTCTTAGTCACCAGGTCACTCACTCAGGAGAGAAGC
 CTTATGTCTGTGCTGAGTGTGGGACAGCTTTCCGCAAAAGGTCCTCTCATCAGGCACC
 AGAGGACACACACAGGGGAGAAGCCTTACCTGTGCCCCAGTGTGGGCGGGTTTTAGCC
 AGAAGGTCACCCCTCATTGGACACCAGAGGACACACACAGGGGAGAAGCCCTACCTGTGCC
 CTGATTGTGGGCGTGGCTTTGGTCAGAAGGTCACCCTCATCAGACACCAGAGGACACACA
 CAGGGGAGAAGCCTTATCTGTGCCCAAGTGTGGGCGTGCATTTGGCTTTAAGTCGCTCC
 TCACCCGACACCAGAGGACACTCAGAGGAGGAGCTTTACGTAGACAGGGTGTGTGGAC
 AAGGACTTGGCCAGAAGTCACTCTTATCTCTGACCAAGGACACTCAGGAGAGAAGC
 CCTGCATTTGCGATGAATGTGGGCGGGCTTTGGCTTTAAGTCTGCCCTCATCCGACATC
 AGCGGACCCATTCTGGGAGAAGCCGTATGTCTGCAGGGAGTGTGGGCGTGGCTTTAGCC
 AGAAGTCTCACTTGCATAGACACAGGAGACCAAGTCTGGTCATCAGCTCTACCCCAAG
 AGGTCTTCTGACCTTTCCCTTCCCGTGGTGTGAAGCTGGCAGAAATCACTAGTAAATG
 CTTTCAGTTTCTGAAATGGAATGAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_194320

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_194320.2](#), [NP_919301.2](#)

RefSeq Size: 3556 bp

RefSeq ORF: 1812 bp

Locus ID: 169841

UniProt ID: [Q14929](#)

Cytogenetics: 9q22.32

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) uses an alternate in-frame splice site compared to variant 1. The encoded isoform (2) is shorter than isoform 1. 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.