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Product datasheet for SC102009

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:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_194320, the custom clone sequence may differ by one or more nucleotides

ATGTCACCAGGACTCCTGACAACCAGGAAGGAGGCATTGATGGCCTTCCGGGATGTGGCTGTGGCCTTCA
CCCAGAAGGAGTGGAAGCTATTGAGTTCTGCTCAGAGGACCCTGTACAGGGAGGTGATGCTGGAGAACTA
CAGCCATCTGGTCTCCCTGGGAATTGCATTTTCCAAACCAAAACTCATCGAACAGCTGGAGCAAGGCGAC
GAACCTTGGAGAGAGGAGAACGAACATCTTCTGGACCTTTGTCCAGAGCCTAGAACAGAATTCCAGCCAA
GTTTTCCCCACCTGGTGGCCTTTTCTAGCTCGCAGCTCCTCAGACAATATGCGCTAAGTGGCCATCCCAC
ACAGATCTTCCCAAGCTCATCTGCAGGAGGTGACTTCCAACTAGAAGCTCCAAGATGCTCTAGTGAAAAA
GGAGAAAGTGGAGAGACAGAAGGCCCCGACAGCTCATTAAGAAAGAGGCCAAGCAGAATTTCTAGGACAT
TCTTCAGCCCACATCAAGGTGACCCAGTAGAATGGGTAGAAGGGAACAGAGAAGGAGGAACAGACCTTCG
CCTGGCCCAAAGGATGAGTCTTGGGGGGTCAGACACAATGTTGAAGGGAGCAGACACTTCAGAATCTGGA
GCAGTCATACGTGGAAACTATAGACTGGGACTTAGCAAAAAGTCAAGCCTGTTCAGCCACCAGAAGCATC
ATGTGTGCCCTGAATGCGGGAGAGGCTTTTGCCAGAGATCAGACCTTATCAAGCACCAGAGGACACACAC
CGGGGAGAAGCCATACCTGTGTCCTGAGTGTGGGCGTCGGTTTAGCCAGAAGGCCTCCCTCTCCATACAC
CAGAGGAAGCACTCGGGGGAGAAGCCGTATGTGTGCAGGGAATGTGGGCGACACTTCAGGTATACATCCT
CTCTCACTAATCACAAGAGGATTCACTCCGGGGAGAGGCCCTTTGTATGTCAGGAGTGTGGGCGAGGCTT
TCGCCAGAAGATAGCCCTCCTTCTACACCAGAGGACGCACTTGGAGGAGAAGCCCTTCGTGTGTCCTGAG
TGTGGGAGAGGCTTTTGCCAGAAGGCATCACTCCTCCAGCACCAGAGCTCACACACAGGGGAGAGGCCCT
TCCTGTGCCTTGAGTGTGGGCGTAGCTTCAGGCAGCAGTCACTCCTCCTTAGTCACCAGGTCACACACTC
AGGAGAGAAGCCTTATGTCTGTGCTGAGTGTGGGCACAGCTTTCGCCAAAAGGTCACTCTCATCAGGCAC
CAGAGGACACACACAGGGGAGAAGCCTTACCTGTGCCCCCAGTGTGGGCGGGGTTTTAGCCAGAAGGTCA
CCCTCATTGGACACCAGAGGACACACACAGGGGAGAAGCCCTACCTGTGCCCTGATTGTGGGCGTGGCTT
TGGTCAGAAGGTCACCCTCATCAGACACCAGAGGACACACACAGGGGAGAAGCCTTATCTGTGCCCCAAG
TGTGGGCGTGCATTTGGCTTTAAGTCGCTCCTCACCCGACACCAGAGGACACACTCAGAGGAGGAGCTTT
ACGTAGACAGGGTGTGTGGACAAGGACTTGGCCAGAAGTCACACCTTATCTCTGACCAAAGGACACACTC
AGGAGAGAAGCCCTGCATTTGCGATGAATGTGGGCGCGGCTTTGGCTTTAAGTCTGCCCTCATCCGACAT
CAGCGGACCCATTCTGGGGAGAAGCCGTATGTCTGCAGGGAGTGTGGGCGTGGCTTTAGCCAGAAGTCTC
ACTTGCATAGACACAGGAGGACCAAGTCTGGTCATCAGCTCCTACCCCAAGAGGTCTTCTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_194320 unedited
ACGATTTTGTAATACGACTCACTATTAGGGCGGCCGCGAATTCGCACGAGGGGAAGGAGG
CATTGATGGCCTTCCGGGATGTGGCTGTGGCCTTCACCCAGAAGGAGTGGAAGCTATTGA
GTTCTGCTCAGAGGACCCTGTACAGGGAGGTGATGCTGGAGAACTACAGCCATCTGGTCT
CCCTGGGAATTGCATTTTCCAAACCAAAACTCATCGAACAGCTGGAGCAAGGCGACGAAC
TTTGGAGAGAGGAGAACGAACATCTTCTGGACCTTTGTCCAGAGTCTCGTTCTGTCACCC
AGCTGGAGTGCAATGGCATGATCTCGGCTCACTGCAACCTCTGCCTCCTGTGTTCAAGTG
ATTTCTCCTGCCTCACCCTCCTGAGTAGCTGGGACTGCAGGTGCCCGCCATCATGCCCAG
CTAAATTTTTTTGTATTTTTAGTAGAGATGGGGTTTCACCTTGTTGGTCAGGCTGGTCTT
GAATTCCTGAGCTCAGGCAATCCATCTGCCTTTGCTTCCCAAGGTGTTGGGATTACAGGC
GTGAGCCACCACGCCCAGCCAGTTTCTATTCTTAACCTGGTAGCTTTTTTGTGCATCATT
TCTATCCTGTAAATTCTCATAACTTTGTTTCTTTTATCATAGATTATTTAAGATTACAGC
AAGGTGTGAAAAACTGTACAATGAGTAGGGTTGGGGCAGCCCTGTACCCTAAGAGATAGC
ATGTTATAAAACCAGGTAATCGCCCCATACTTTTCCTGATTGTGTCCCCGTTCTTCGCCT
CTGTTTTCTGAGTTAGCATTCCATGACTGTCTTTATCCTTTTATTCCATCTGATGGGNTC
TTCACTCATATANGGGTGTTGTTTTGCATGTCTGTAAACTTCTCTGCAATAATGGTATTA
AAGTTGTTCCCACTTTTTGGCTATGAAATATCTNGCTCTGTATTNCTGNATGCTCCTTGG
AACAGTNCCAGNAGTTCTCTTAAAATATCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_194320 unedited
NGGGTATATCTAGNNACCGCGGCCGCAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTGCATGCTTAAAACAGCTTTTTTTATTTTTGTCAA
AAATGAAAACCCAAATACCTTTTAATAGGGCAGTTTTAAAATGGGACCCAAACCTATAAA
GGAATACTCCGCAATAAAAATTAATAAACTTTTGGTCCCCCCCTTATAAATAAAATTCAA
AATACTTTTGCTGAGTGAAAAAACCCGTTGTATCCCGGATAATCCAGTTTTACCAATTCT
AAAAAATGCCGACCAATCTTTTATTTTAGAAAGCTGATCAGGGGTTGCCCCGGTACCGGG
GAAGACAGGAAGGAGTGGGAGGTAGGATTACAGTAAGGGGAAAAAAAATTTTCAAGGGTG
ACAAACATGCTTGTTACTTTAACTGGGGCAGGGCTTTCATGCCTGTTTACCTATGCCAAA
ACTAACCAAATTTCACACCTTTTTAAGTGGAGTTTATTATACCTTAAAAAACATATCTTA
AAAAATACCCTAATTGCGGGATCTTAAAAACATTTTTAACAATATTTTACTTTATTTTTT
TTTGAAACAAAATCTCACTCTGTAGCCCAAGCTGGAGTACAGGGGGGGGATCTCAGTTCA
TTGGAACCTTCCCTCAGGGTGTTAAAAGACGATTTCTAATTCCTTAGCCCTCCGAGTAGC
TGGTTTTTTAAGGCATGCACCACCAGGCTCGGCTAATTTGTGTATTTTTAGTAAAGACGG
GATTTTGCCCTGGTGGCCAAGCTGGGCTAAACTCCTGGCCTAAGTGATCCACCCCCTCAG
CCTCTCAAATCTGGGATTCAGGCGTAACCCCTGGGCCCACCCATTTTATATACCGAATGC
TTTAAAA

Restriction Sites: NotI-NotI

ACCN: NM_194320

Insert Size: 2600 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_194320.1, NP_919301.1

RefSeq Size: 3556 bp

RefSeq ORF: 2406 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.