

Product datasheet for **SC322692**

ZNF384 (NM_001039920) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF384 (NM_001039920) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF384
Synonyms:	CAGH1; CAGH1A; CIZ; ERDA2; NMP4; NP; TNRC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for SC322692
 AGCTCTTCTCTGAGCCTGTTGGGGGGAGGGAGGGGGCGTGGAGGAACTGGGGTTTCGCGG
 GAGCACGAGCTGCAGCACCATTCCGGAAAGTTTCAGGAGCCCTGGAAAGGAGAAGGAATA
 AGACGGCAGGAGGAAGAGAGAGAGAGGGTGAATGGAAGAATCTCACTTCAATTCTAACC
 CGTACTTCTGGCCTTCTATCCCCACAGTCTCAGGTCAGATCGAGAACAACAATGTTTCATCA
 ACAAGATGAAGGATCAGCTGTTGCCAGAGAAGGGCTGTGGTCTGGCCCCACCTCACTACC
 CCACCTTGCTGACAGTGCCTGCCCTCAGTGTCCCTGCCCTCAGGCATCAGTATGGACACAG
 AGTCCAAGTCAGACCAGCTGACCCACACAGCCAAGCGTCCGTTACCCAGAATATCACGG
 TGGTCCCTGTGCCGTCTACAGGACTGATGACTGCTGCCCTGCAGGTTGTCCTGACCTCT
 CCAAGAAGGTAGCATCGACCCTAACCGAGGAAGGAGGCGGAGGTGGTGGTGGAGGTGGCA
 GTGTGGCTCCTAAGCCACCCGGGGCCGAAGAAGAAGCGGATGCTGGAATCAGGGCTGC
 CCGAGATGAATGACCCTTATGTCCTCTCCCTGAGGATGATGATGACCATCAGAAAGACG
 GCAAGACCTACAGGTGCCGATGTGCTCACTGACATTCTACTCCAAGTCGGAGATGCAGA
 TCCACTCCAAGTCACACACCGAGACCAAGCCCCACAAGTCCCACATTGCTCCAAGACCT
 TCGCCAACAGCTCCTACCTGGCCAGCACATCCGTATACACTCAGGGGCTAAGCCCTACA
 GTTGTAACCTTCTGTGAGAAATCCTTCCGCCAGCTCTCCACCTTACAGCAGCACACCCGAA
 TCCACACTGGTGATAGACCATACAAATGTGCACACCCAGGCTGTGAGAAAGCCTTACAC
 AACTCTCCAATCTGCAGTCCCACAGACGGCAACAACAAGATAAACCCCTTCAAGTGCC
 ACAACTGTTCATCGGGCGTACACGGATGCAGCCTCACTAGAGGTGCACCTGTCTACGCACA
 CAGTGAAGCATGCCAAGGTGTACACCTGCACTATCTGCAGTCGGGCATACACATCAGAAA
 CATACTTATGAAACATATGCGCAAACAACCCGCTGATCTTCAGCAACAGGTGCAGG
 CAGCAGCAGCAGCGGCAGCAGTGGCCCAGGCCAGGCTCAAGCTCAAGCCAGGCTCAGG
 CTCAGGCTCAAGCCAGGCCAGGCCAGGCCTCCAGGCATCACAGCAGCAGCAGCAGCAG
 AGCAGCAGCAGCAGCAGCAGCAACAGCCACCACACTTCCAGTCTCCTGGGGCAG
 CCCCCAGGGTGGGGTGGTGGGACAGCAATCCAACCTCCACCCAGTGTTCCTTTG
 ACCTGACCCCGTATAAGACGGCGGAGCATCATAAGGACATCTGCCTCACTGTACACCACA
 GCACCATCCAGGTGGAGCACCTGGCCAGCTTTAGAGATCCGTGCTGCCACCCACTGGGA
 AGAGGAAGAAGTAGTCTGGTGTCTTTCTTCTCCAACCTTGGTGGGAAAAGTCTTTTC
 TTCCTTGACAGGCCTTGGCTCCATCTCCTTGGGCCTCTGTACGGCTTTCCTTACAGGA
 TACCATCTTTTTCTGAACTCTTCTTCAAAGGAACATCAGCCCTCCTGATTGCAAAGGA
 ATACTGAGCTGATGGTGTATCCAGCAGCCTCCCCTCCAAGCAAAGCTTCTAAAAGTGG
 GGGTCGGTGTCAAGGGAAGGATTTGCTATGACCTCATAGAACCTTGCCAGTGTGGCCA
 CTTACCCTATCCTTACCCTCCTTATCCTCAAAGTTTGGGCTGATGTAAGACTAGAGGCTG
 GCCCTCCCAGATAACAGAGAAAAGGGAGCCCCAAATGCAACCAGCCTCTTGTCTATTCT
 TGCTGCAAAAAGAACAGAGGTTTCTCAAATGCCTCAGTCCCTGAGAGCCATTTCTTCCCC
 TACATCGTCTCACTTTGCTTCTATTGACTGCTGGTAGAAGGAGATTTGGGGTAGGGCT
 AGACCTCTTTTTATTTGAAGGGGCAAGGGCTGAGATGTGGTCCCAAGGGGCCAGAAAT
 TCCCAAGTTGGTCACAGGTGGCTTAGAAGTGTGTGTTATGGTTTTACGGATTTCTTGAA
 GCCTCTCCTTCTCTGCCTACAAAGACCCTATACTCTCAGTCTCCCCAACCCACCCCA
 AGGAGCTGTGGAGGCTTTGTGTTATCTGTGAAACTCCAAAACAGGGGTGTTGCGGAGAA
 GGGAGAGTTCAAGGCAAACGCAAGGACTGGACTTAGCTCCCTAGGTGCCACAGTCAGATG
 CCGGACACGGATTTATATATAAATATATATATAAATATATTATACTCACTCATCACGG
 CCATCTTTGTTGTAACCATTTCTGTGTTTATAAATGCATTATCTGAAAAAAAAAAAAA
 AAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_001039920

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:	<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:	<u>NM_001039920.1</u> , <u>NP_001035009.1</u>
RefSeq Size:	2824 bp
RefSeq ORF:	1386 bp
Locus ID:	171017
UniProt ID:	<u>Q8TF68</u>
Cytogenetics:	12p13.31
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene encodes a C2H2-type zinc finger protein, which may function as a transcription factor. This gene also contains long CAG trinucleotide repeats that encode consecutive glutamine residues. The protein appears to bind and regulate the promoters of the extracellular matrix genes MMP1, MMP3, MMP7 and COL1A1. Studies in mouse suggest that nuclear matrix transcription factors (NP/NMP4) may be part of a general mechanical pathway that couples cell construction and function during extracellular matrix remodeling. Alternative splicing results in multiple transcript variants. Recurrent rearrangements of this gene with the Ewing's sarcoma gene, EWSR1 on chromosome 22, or with the TAF15 gene on chromosome 17, or with the TCF3 (E2A) gene on chromosome 19, have been observed in acute leukemia. A related pseudogene has been identified on chromosome 7. [provided by RefSeq, Apr 2011]</p> <p>Transcript Variant: This variant (6) lacks two alternate in-frame exons and uses an alternate in-frame splice site in the central coding region, compared to variant 7, resulting in an isoform (c) that is shorter than isoform d.</p>