

Product datasheet for **SC336598**

ZNF238 (ZBTB18) (NM_001278196) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF238 (ZBTB18) (NM_001278196) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF238
Synonyms: C2H2-171; MRD22; RP58; TAZ-1; ZNF238
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC336598 representing NM_001278196.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGAGTTTCCAGACCATAGTAGACATTTGCTACAGTGTCTGAGCGAGCAGAGACACCAGGGTTTCTT
TGTGACTGCACTGTTCTGGTGGGAGATGCCAGTTCGAGCGCACCGAGCTGTACTGGCTTCATGCAGC
ATGTATTTCCACCTCTTTACAAGGACCAGCTGGACAAAAGAGACATTGTTTCATCTGAACAGCGACATT
GTTACAGCCCCGCTTTTCGCTCTCCTGCTTGAATTCATGTATGAAGGGAACTCCAGTTCAAAGACTTG
CCCATTGAAGACGTGCTAGCAGCTGCCAGTTATCTCCACATGTATGACATTGTCAAAGTCTGCAAAAAG
AAGCTGAAAGAGAAAGCCACCACGAGGCAGACAGCACCAAAAGGAAGAAGATGCTTCAAGTTGTTTCG
GACAAAGTCGAGAGTCTCTCCGATGGCAGCAGCCACATAGCAGGCGATTTGCCAGTGATGAAGATGAA
GGAGAAGATGAAAAATTGAACATCCTGCCAGCAAAAGGGAAGTGGCGGCCGAGCCTGGGAACATGTGG
ATGCGATTGCCCTCAGACTCAGCAGGCATCCCCAGGCTGGCGGAGAGGCAGAGCCACACGCCACAGCA
GCTGGA AAAACAGTAGCCAGCCCTGCAGCTCAACAGAGTCTTTGTCCCAGAGGTCTGTCACCTCCGTG
AGGGATTCCGCAGATGTTGACTGTGTGCTGGACCTGTCTGTCAAGTCCAGCCTTTCAGGAGTTGAAAAT
CTGAACAGCTCTTATTTCTTTCACAGGACGTGCTGAGAAGCAACCTGGTGCAGGTGAAGGTGGAGAAA
GAGGCTTCCTGTGATGAGAGTGATGTTGGCACTAATGACTATGACATGGAACATAGCACTGTGAAAGAA
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ATCTTCATGTGCCCCCTGTGCAACAAGGTCTTCCCAGCCCCACATCCTGCAGATCCACCTGAGCAGC
CACTTCCGCGAGCAGGACGGCATCCGCAGCAAGCCCGCCCGCATGTCAACGTGCCACGTGCTCGCTG
TGTGGGAAGACTTTCTTTCATGTACACCCTCAAGCGCCACGAGAGGACTCACTCGGGGAGAAGCCC
TACACATGCACCCAGTCCGGAAGAGCTCCAGTACTCGCACACCTGAGCCGCCATGCCGTGGTGCAC
ACCCGCGAGAAGCCGACGCCTCAAGTGGTGCAGCGCAGGTTACGCAGTCCGGGACCTGTACAGA
CACATTCGAAGTCCACTGTGAGTTGGTGAACCTCTTGTGGTCAAAAGCGAAGCACTGAGCTTGCTT
ACTGTCAGAGACTGGACCTTAGAAGATAGCTCTCAAGAACTTTGGAATAA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001278196
Insert Size: 1569 bp


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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:	<u>NM_001278196.1</u>
RefSeq Size:	3791 bp
RefSeq ORF:	1569 bp
Locus ID:	10472
UniProt ID:	<u>Q99592</u>
Cytogenetics:	1q44
Protein Families:	Transcription Factors
MW:	58.4 kDa
Gene Summary:	This gene encodes a C2H2-type zinc finger protein which acts a transcriptional repressor of genes involved in neuronal development. The encoded protein recognizes a specific sequence motif and recruits components of chromatin to target genes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013] Transcript Variant: This variant (3) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1. Both variants 2 and 3 encode the same isoform (2).