

Product datasheet for **SC308223**

ZNF238 (ZBTB18) (NM_205768) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF238 (ZBTB18) (NM_205768) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF238
Synonyms:	C2H2-171; MRD22; RP58; TAZ-1; ZNF238
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC308223 representing NM_205768.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTGTCCTAAAGGTTATGAAGACAGTATGGAGTTTCCAGACCATAGTAGACATTTGCTACAGTGTCTG
AGCGAGCAGAGACACAGGGTTTTCTTTGTGACTGCACTGTTCTGGTGGGAGATGCCAGTTCGAGCG
CACCGAGCTGTACTGGCTTCATGCAGCATGTATTTCCACCTCTTTTACAAGGACCAGCTGGACAAAAGA
GACATTGTTTCATCTGAACAGCGACATTGTTACAGCCCCGCTTTTCGCTCTCCTGCTTGAATTCATGTAT
GAAGGGAACTCCAGTTCAAAGACTTGCCATTGAAGACGTGCTAGCAGCTGCCAGTTATCTCCACATG
TATGACATTGTCAAAGTCTGAAAAAGAGCTGAAAGAGAAAGCCACCACGGAGGAGACAGCACCACAAA
AAGGAAGAAGATGCTTCAAGTTGTTGCGACAAAGTCGAGAGTCTCTCCGATGGCAGCAGCCACATAGCA
GGCGATTTGCCAGTGATGAAGATGAAGGAGAAGATGAAAAATTGAACATCCTGCCAGCAAAAGGGAC
TTGGCGGCCGAGCCTGGGAACATGTGGATGCGATTGCCCTCAGACTCAGCAGGCATCCCCAGGCTGGC
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TTGTCCCAGAGGTCTGTACCTCCGTGAGGGATTCCGGCAGATGTTGACTGTGTGCTGGACCTGTCTGTC
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AACCTGGTGCAGGTGAAGGTGGAGAAAGAGGCTTCCTGTGATGAGAGTGTGTTGGCACTAATGACTAT
GACATGGAACATAGCACTGTGAAAGAAAGTGTGAGCACTAATAACAGGGTACAGTATGAGCCGGCCCAT
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ATGATGACCCAGAGAGCGAGCGTGTCCAGGTGGAGGGAGGCATGGAGAGCAGTCTGCTCCCCTACGTC
TCCAACATCCTGAGCCCCGCGGCCAGATCTTCATGTGCCCTGTGCAACAAGGTCTTCCCAGCCCC
CACATCCTGCAGATCCACCTGAGCAGCACTTCCGCGAGCAGGACGGCATCCGCAGCAAGCCCGCGCC
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AACCTGAGCCGCCATGCCGTGGTGCACCCGCGAGAAGCCGACGCTGCAAGTGGTGCAGCGCAGG
TTCACGAGTCCGGGACCTGTACAGACACATTCGCAAGTTCCACTGTGAGTTGGTGAATCCTTGTGCG
GTCAAAGCGAAGCACTGAGCTTGCCTACTGTACAGAGCTGGACCTAGAAGATAGCTCTCAAGAAGTT
TGGAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_205768

Insert Size: 1596 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).

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:	<u>NM_205768.2</u>
RefSeq Size:	3922 bp
RefSeq ORF:	1596 bp
Locus ID:	10472
UniProt ID:	<u>Q99592</u>
Cytogenetics:	1q44
Protein Families:	Transcription Factors
MW:	59.4 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 (1) encodes the longer isoform (1).