

## Product datasheet for **SC326699**

### zinc finger protein 138 (ZNF138) (NM\_001160183) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 138 (ZNF138) (NM_001160183) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF138
Synonyms:	pHZ-32
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001160183, the custom clone sequence may differ by one or more nucleotides ATGGGACCACTGACATTTATGGATGTGGCCATAGAGTTCTCTTTGGAGGAGTGCCAGTGC CTGGACACTGCACAGCGAATGTATATAGGCATGTGATGTTAGAGAACTACAGAAACCTG GTTTTCTGGACCTGATTACCTGTCTGGAACAAGGAAAAGAGCCCTGGAATATGAAGAGA CATGAGATGGTGGTAGCCAAACATTCAGCTGTAGCATTTACCTTTGATCTCAGTGGACTC AACATTTTGTCTTCCAAAGTATCCTGCCATTTGTTTCAGCACTTTATGTCATGGGAAAC AGAAACCAAGTGTCTGCAAAGCACCTAGAAGCCAGAAATAAAGATCTCTGTGTTCTCGTT TTGCCCAAGACCTTTGGC
Restriction Sites:	Please inquire
ACCN:	NM_001160183
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).



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**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\\_001160183.1](#), [NP\\_001153655.1](#)

**RefSeq Size:** 2719 bp

**RefSeq ORF:** 381 bp

**Locus ID:** 7697

**UniProt ID:** [P52744](#)

**Cytogenetics:** 7q11.21

**Protein Families:** Transcription Factors

**Gene Summary:** May be involved in transcriptional regulation as a repressor.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (2) includes two alternate exons in the 3' coding region, which results in a frameshift, compared to variant 1. The resulting isoform (2) has a distinct and shorter C-terminus, compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.