

## Product datasheet for **SC332488**

### ZNF382 (NM\_001256838) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNF382 (NM\_001256838) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZNF382  
**Synonyms:** KS1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332488 representing NM\_001256838.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCTCAGGGATCAGTGTCAAGGATGTGACTGTGGACTTCACCCAGGAGGAGTGGCAGCAACTA
GACCTGCTCAGAAGGCGCTTTACAGGGATGTGATGTTGGAAAATTTGCCACTTCGTATCTGTGGGG
TTTCACATGGCTAAGCCTGATATGATCCGCAAGTTGGAACAAGGAGAAGAGCTATGGACACAGAGAATT
TTTCCAAGTTACAGCTACCTAGAAGAAGATGGGAAAATGAAGATGTCTTAGTGAAGTTCAAAGAATAC
CAAGACAGGCATTCTAGACCCCTCATATTCATCAACCACAAAAAACTAATTAAGGAGAGAAGTAATATT
TATGGTAAAACATTTACTCTAGGCAAGAACCGTATTTCAAAAACAATACTATGTGAATATAAACCTGAT
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GACAGTACTGGATGGGAGAAATCACTCCTCAATACCAAGCATGAGAAAATTCATCCTGCAGTGAATCTC
CATAAACAAAACAGAAAGAGTTCTCAGTGGTAAACAGGAGCTTATTCAGCATCAGAAGTTCAAGCTCCA
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ATTCGCCATCAGAAAACCTCACACAGGCGAGAAACCATATGAATGTAACAGTGTGGGAAGTCTTCAGT
TGTAAGTCAAACCTCATTGTCCATCAGAAAACCTACAAGGTAGAAACCACGGGAATTCAGTAA
  
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001256838



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<b>Insert Size:</b>	1650 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001256838.1</a></u>
<b>RefSeq Size:</b>	2819 bp
<b>RefSeq ORF:</b>	1650 bp
<b>Locus ID:</b>	84911
<b>UniProt ID:</b>	<u><a href="#">Q96SR6</a></u>
<b>Cytogenetics:</b>	19q13.12
<b>Protein Families:</b>	Transcription Factors
<b>MW:</b>	63.9 kDa
<b>Gene Summary:</b>	<p>This gene encodes a KRAB domain zinc finger transcription factor (KZNF). KZNFs play critical roles in the regulation of many cellular processes including differentiation, proliferation and apoptosis. The encoded protein inhibits activating protein 1 (AP-1) and nuclear factor kappa-B (NF-kB) signaling and may function as a tumor suppressor in multiple carcinomas. This gene is found in a cluster with other zinc finger protein genes on the long arm of chromosome 19, and alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site and initiates translation at an upstream start codon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct N-terminus, compared to isoform 1.</p>