

## Product datasheet for **SC320148**

### ZNF136 (NM\_003437) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF136 (NM_003437) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF136
Synonyms:	pHZ-20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_003437.2  
 CAGAGGCCAGAGTGGCTCGCCTGGAGTCTCTGTGGCGCGGTTTCCTGTACCTGCCTTGG  
 GATCCGGAGGGAGGAAGCTGGGACACCCGGGAGTCAGGAAATGGACTCGGTGGCTTTTGA  
 GGATGTAGATGTGAACCTCACCCAGGAGGAGTGGGCTTTGCTAGATCCTTCCCAGAAGAA  
 TCTCTACAGAGATGTGATGTGGGAAACCATGAGGAATCTGGCCTCTATAGGAAAAAATG  
 GAAGGACCAGAACATTAAGATCACTACAAACACCGAGGGAGAAATCTAAGAAGTCATAT  
 GTTAGAAAGACTCTATCAAACCTAAGGATGAGTACAGCGTGGAGGAATTTTTAGCCAGTT  
 TGCAAATCAGAATCTGAGCAAGAAAAATCCCTGGAGTGAAACTCTGTGAAAGCATTGTATA  
 TGGAGAAGTCAGCATGGGTCAAGTCATCCCTTAATAGACACATCAAAGATCACAGTGGACA  
 TGAACCAAAGGAATATCAGGAATATGGAGAGAAGCCAGATACACGTAACCAAGTGTGGAA  
 ACCCTTCAGTTCTCACCCTCTTTGAAACACATGAGATAATTCACACTGGAGAGAAACT  
 CTATGATTGTAAGGAATGTGAAAAACCTTCTTTTCTCTCAAAGAATTAGAAGACACAT  
 CATCACACACAGTGGATATACCCATATAAATGTAAGGTGTGTGGGAAAGCTTTTGATTA  
 TCCAGTAGATTTGAAACACATGAAAGAAGTCACTGGAGAGAAACCCTATGAATGTCA  
 GGAAATGTGAAAAAGCCTTCACTTGTATCACAAGTGTTCGAAGACACATGATAAAGCACAC  
 TGGAGATGGACCTTATAAATGTAAGGTATGTGGGAAACCCTTTTCACTTCTGAGTTCATT  
 TCAAGTGCATGAAAGAATTACACTGGAGAAAAACCTTTAAATGTAAGCAATGTGGTAA  
 AGCCTTCAGTTGTTCCCAACCTTACGAATACATGAAAGAACCATACTGGAGAGAAACC  
 TTATGAATGCAAGCAGTGTGGGAAAGCCTTCAGTTATCTCCCCTCCCTTCGACTACATGA  
 AAGAATTCACACTGGTGAGAAACCTTCGTATGTAACAATGTGGTAAAGCCTTTAGATC  
 TGCCAGTACCTTTCAAATACATGAAAGGACTCACACTGGAGAAAAACCTTATGAATGTAA  
 GGAATGTGGGGAAGCATTCACTTGTATCCCAAGTATGCGAAGACACATGATAAAACATAC  
 TGGAAAGGACCTTATAAATGTAAGGTATGTGGGAAACCCTTTTCACTTCTGAGTCCATT  
 TCGAATACATGAAAGAACTCACACTGGAGAGAAACCCTTATGTATGTAACATTGTGGTAA  
 AGCTTTCTGTTTCTCAACATCAATTGAAATACATGAAAGAACTCATACTGGAGAGAAACC  
 CTATGAGTGTAAAGCAATGTGGGAAAGCCTTCAGTTATCTCAACTCCTTTGAAACACATGA  
 AATGATTCACACTGGTGAGAAACCTTTGAAATGTAAGCGATGTGGTAAAGCCTTTAGATC  
 TTCTAGTTCCTTTGACTACATGAAAGGACTCACACTGGACAGAAACCCTATCATTGCAA  
 GGAATGTGGGAAAGCCTATTCTGCGGTGCCAGCTTTCAGAGACACATGTTAACACATGC  
 TGAAGATGGACCACCTTATAAATGCATGTGGGAAAGCCTTAAATGCTCTGGGTTTCATGTC  
 AGATACATTAATACTCACTGAAGAGAAGCCCTATGAATGTAAGTAACGTGGGAAAGCA  
 TGAATTCGTGACAGTGCCTTTTTAATACATGAAAGAATTCTAGAGAGAAGCCATATACA  
 TGTAAGTAACATGGGAAAGCTTTCAATCATTTTAGTTCCTTTCAAATACATGAAAGAACT  
 CATCATGGAGAAAAACAAACAAATGCTTTTTGGAAAGGAACCCATATTTGAGAGAAACC  
 TGGGTAAGGGTGTAGGAAAGGTTTTGTCATCACACAACCCTGTACACATGAATGTGTA  
 GTGGAGAGAACCTTGGTAAATGTAAAGAGTGTGGGAGAGCCTTTAGTCATTTTAGTTCCA  
 CTTGAAGCCATGAAAGAACACACAAAAGAGAAAGCTCTTGAATATAAGCAATGTCCACAC  
 GTTTTTAGCCAGCCACATGCTTTCAACAACATGTAAGAATGTACCCTGGATCAAACAC  
 TATAAATGTGAAACTACAAGGAAGTTTTCCATTATACTTTTAAAGTCATTTGAGGGCT  
 CTGGCTCTGTGGCTTTGTGGTTAAAGTACTTGTCTGGCAACAGGAGATGCTGGATTTT  
 AATCCCAGCAGGGCCTCACTAGTTGAGGTATTGAATTTGAACAGATGTTTTGGCTCTGGC  
 TGGGTGTGGTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCTGAGGCAGGAGGATCA  
 CTTGAGGTGAGGATTTGAGACCAGTGTGCAAAACATAGCAAGACCTCATCTCAAAAAA  
 AAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_003437

<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>OTI Annotation:</b>	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.
<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_003437.2</a></u> , <u><a href="#">NP_003428.1</a></u>
<b>RefSeq Size:</b>	2988 bp
<b>RefSeq ORF:</b>	1623 bp
<b>Locus ID:</b>	7695
<b>UniProt ID:</b>	<u><a href="#">P52737</a></u>
<b>Cytogenetics:</b>	19p13.2
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a zinc finger protein containing a Kruppel-associated box (KRAB) A-box domain at its N-terminus, followed by fourteen contiguous C2H2 zinc finger domains and a degenerate zinc finger. The KRAB A-box showed weak transcriptional repressor activity in a reporter gene assay. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2016]</p> <p>Transcript Variant: This variant (1) encodes the longer/longest* isoform (1).</p>