

## Product datasheet for SC113516

### ZNF302 (NM\_018443) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF302 (NM_018443) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF302
Synonyms:	HSD16; MST154; MSTP154; ZNF135L; ZNF140L; ZNF327
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113516 sequence for NM_018443 edited (data generated by NextGen Sequencing)

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ATGTCTCAGGTGACATTTAGTGATGTGGCTATAGACTTCTCTCATGAAGAGTGGGCATGC
CTAGATTCCTGCTCAGAGGACTTATACAAGGATGTGATGGTCCAGAATTATGAGAACCTG
GTCTCTGTAGGCTTTCCGTAACCTAAGCCATATGTGATCATGTTATTGGAGGATGGAAAA
GAGCCCTGGATGATGGAGAAAAACTGTCAAAGATTGGGAATCAAGATGGGAAAAACAAG
GAATTATCAACAAAGAAGGATATTTGTGATGAAGATTCACCCCAACCAAGTAAACAATGGAA
AAAGTTGTAACAAAGTTATGAATTTTCAAATTTCTAATAAGAATTTGGAATATACAGAA
TGCGACACATTTAGAAGCACCTTTCATTCAAAGTCTACTCTTTCTGAACCACAAAACAAT
TCTGCTGAAGGGAATTCACACAAATATGATATATTAAGAAGAATTTATCAAAAAAGTCA
GTTATAAAAAGTGAGAGAATAAATGGTGGAAAGAACTTTTAAATTTCTAATAAAAAGTGGG
GCAGCCTTCAACCAGAGCAAATCTTACCCTTCCCAGACTTGTAAATAGAGAGAAAAATC
TATACATGCAGTGAATGTGGGAAAGCCTTTGGCAAACAGTCAATCCTCAGTCGCCACTGG
AGAATTCATACAGGAGAGAAGCCCTATGAATGTCGTGAATGTGGGAAGACTTTTAGCCAT
GGTTCATCCCTTACACGCATCAGATAAGCCATAGTGGAGAGAAACCTTACAAATGCATT
GAATGTGGGAAGGCTTTAGCCATGGCTCATCACTTACTAACCATCAGAGCATTACACAG
GGAGAGAAACCGTATGAATGTATGAACTGTGGAAAGTCTTTTAGTCGTGTGCCCTTCTC
ATTCAGCATCTAAGAATTCATACGCAAGAAAAACGCTATGAGTGTGATATATGTGGAAAG
GCCTTCATTCATAGTTCGTCTCTCATTCCATCAGAAAAGCCATACTGGAGAGAAGCCT
TATGAATGTAGAGAATGTGGGAAAGCTTTCTGCTGTAGCTCACACCTTACTCAACATCAA
AGAATTCACAGTATGAAGAAAAATATGAATGCAACAAATGTCTCAAGGTCTTTAGTAGC
TTCTCATTTCTTGTCAACATCAGAGTATTCATACTGAAGAAAAACGTTTGAAGTTTAG

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Clone variation with respect to NM\_018443.2  
266 a=>g;833 c=>t



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<b>5' Read Nucleotide Sequence:</b>	<pre>&gt;OriGene 5' read for NM_018443 unedited GTATACGATTTACTATAGGGCGGCCGATTTCGGCACGAGGCTACCAGCTACGCGGCGC GTCAGGTCGCGGAGGGCGGGCTCGGGGCGCCTGCGGGACGGACACTGCCCATCTCTAA GATAAGAACCTGGAAAGGGGACTCTGTTGGCCATTGGAATTGCAGAATAATGTCTCAGG TGACATTTAGTGATGTGGCTATTTTCTCTCATGAAGAGTGGGCATGCCTAGATTCTG CTCAGAGGGACTTATAACAAGGATGTGATGGTCCAGAATTATGAGAACCTGGTCTGTAG GTCTTTCCGTAACCTAAGCCATATGTGATCATGTTATTGGAGGATGGAAAAGAGCCCTGGA TGATGGAGAAAAAAGTGTCAAAAGATTGGGAATCAAGATGGGAAAAACAAGGAATTATCAA CAAAGAAGGATATTTGTGATGAAGATTCACCCCAACCAGTAACAATGGAAAAAGTTGTAA AACAAAGTTATGAATTTTCAAATCTAATAAGAATTTGGAATATACAGAATGCGACACAT TTAGAAGCACCTTTCATTCAAAGTCTACTCTTTCTGAACCACAAAACAATTCTGTGAAG GGAATTCACACAAATATGATATATTAAGAAGAATTTATCAAAAAAGTCAGTTATAAAAA GTGAGAGAATAAATGGTGGAAAGAACTTTTAAATCTAATAAAAAGTGGGCGAGCCTTCA ACCAGAGCAAATCTTACCCTTCCCAGACTTGAATAGAGAGAAAATCTATACATGCA GTGAATGTGGAAAGCCTTTGGCAACAGTCAATCCTCAGTCGCCACTGGAGAATNCATAC AGGAGAGAAGCCTATGAATGTCTGGAATGTGGGAAGACTTTTACCATGGNTCATCCCTTC ACGACATCAGATAAGCCTAGTGGAGAGAACCTTACAATGCATTGATTGGGGG</pre>
<b>3' Read Nucleotide Sequence:</b>	<pre>&gt;OriGene 3' read for NM_018443 unedited CGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGATTACAAAATGATTTTAT TAGATGCCAAATTTTATTAACACCATTTTATTTCTTTTGCAGCTTAAATTTTAAACATT ATAACATTTACTGGCTCCTCTGGGTGACTAAATATCTTCACATGCCCACTAGCTAAAAAG AATTTCTAAGTACAACCTCAACTGAAACTGCAAGCTACTGCTCTAAGAAATGCATACTTAT GTTTATTTGCTCTCCTATATAATCCCTGTTTACAATAGCATAACTGCAAAGATTATAT GTAATCCCTAAATCCTTCAGTTGCTCTACCATTATCTTCTTATGTCTGGCAAGATAAA CACTCTTAGTGAACACTTTGCTGCATCTCTTAAATGAGCATTGACTCCACGTTATTACC TATAGAATACCGGATGCACTCGCACCTGAAAAACCCCTTCAATTTCTAAAGTTCCCCCAT TCATAACACCTTTTCTCCTGCAAGATTTGCAGGAAATCCCATTGCCTATAGAGCTTCC CACATTTGCTACATGACCACACATTCTCCCTAGCGCGCACATCCTAAGGCACCCCAATGG GATCAAACCTGACAAAAGCCTCCCCCCTTATTGACCCCATCCAATCGTATTACGCA TTAACCCCTCATAAAAAAACCCGCATCACTGCCCCACCCCAACTTTGCACCCCACTT ACAACCACCCCTGCCCCCAAGTTACGCTTCTCCCGCTCCAGAAACACGGACGCGACCCA CGAAACAACCACCCCGTGGCAAAAACTTACACACGTTGCGCGCAAAACCCGACATTTACTT CGTGATCGCTACACCCACAGGCTATCCAACCCCTATCCACCTTTGGGCGCCTCACCC ATCACTTACCCACTCGTGGGCCACCACATNACCGACCTCCCCGCACAT</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_018443
<b>Insert Size:</b>	2600 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>NM_018443.2, NP_060913.2</u>
<b>RefSeq Size:</b>	2665 bp
<b>RefSeq ORF:</b>	1200 bp
<b>Locus ID:</b>	55900
<b>UniProt ID:</b>	<u>Q9NR11</u>
<b>Cytogenetics:</b>	19q13.11
<b>Domains:</b>	KRAB, zf-C2H2
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>This gene encodes a member of the zinc-finger protein family. The encoded protein contains seven C2H2-type zinc fingers and a KRAB domain, but its function has yet to be determined. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2014]</p> <p>Transcript Variant: This variant (1) lacks an alternate in-frame exon compared to variant 3. The resulting isoform (c) has the same N- and C-termini but is shorter compared to isoform a. Variants 1, 2, 5, 8, and 9 all encode the same isoform (c).</p>