

## Product datasheet for **SC125920**

### Zfp219 (ZNF219) (NM\_016423) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp219 (ZNF219) (NM_016423) Human Untagged Clone
Tag:	Tag Free
Symbol:	Zfp219
Synonyms:	ZFP219
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_016423 edited
CCTGCACTTCCCAGAACCAAGAATGTGAAGGGGGTCCATGGAGGGCTCACGTCCCCGG
CCCCGAGCGGCCACTTAGCGCCGTGCGCGCCGGCTTTCGACGGCGAGCTGGATCTGCAGC
GATACTCCAACGGGCCAGCCGTGAGCGCAGGGTCGCTCGGGATGGGAGCCGTGAGCTGGT
CTGAGAGTCGTGCAGGCGAACGGCGCTTCCCCTGCCCTGTATGCGGGAAGCGCTTCCGCT
TCAACTCTATCCTTGCTTTGCACCTGCGGGCGCACCCAGGAGCCAGGCCCTCCAGTGCC
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AGCCCCGAGCGCCACGTAGTCTGCTGCACGCTGTTGCTGGAGTTGGAAGAGCGCGCGC
TACTACGCGAGGCCGACTGGGGAGAGCCGAAGCTCAGGGGGCATGCAGGCCACCCCTG
CCTGAGGGTCTGGCGCGGCCAGGCTCCTTCATCGTCCGCTTCCGTTGCCCTACT
GCAAAGGCAAGTTTCGCACCTCGCGGAGCGCAACGCCACCTGCACATCCTGCATAGGC
CCTGGAAGTGGGCTGTGCAGTTTCGGCTCCAGCCAGGAGGAGGAGCTGCTGCACCACA
GCCTGACGGCCCACGGGGCTCCCGAGCGTCCCCTGGCGGCCACCTCCGCTGCGCTCCGC
CTCAGCCTCAGCCTCCACCCAGCCGAACCCAGATCAGTTCCCAGCCGGAGCCGGAGC
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AGGGCCACATGCGTAAGCACAAGGCCTCCTTCGATCATGCGTGTCCGGTGTGCGGGCGT
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TGTCTCTGCTCTCCCGGCCGGGCTCGCCGGCACCGTGGGAGGAGCCTGAGGAAGAAG
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CACATCACCTCAAAGTGCATCTGCGAGTGCACACAGGCGAGCGGCCCTACAAGTGTCCGC
ACTGCGACTACGCGGGCACCCAGTCCGGCTCGCTCAAGTATCACCTACAGCGCCACCACC
GGGAGCAGAGGAGCGGGCCGGCCCCGGGCCACCCCGGAGCCACCGCTCCTTCCAGC
GGGTTCCGGCCCCGAATCTGGAGCCAAGCCGTCTCCGACGCTGCGACCTGGGTGGAGG
GCGCCTCAAGTCCCCGGCTCCTTCTAGCGGTGCTGGGCCGGGTCCCGTCGGAAGCCCG
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CCTTGGGGCAGGGCCGGGAGGGGAGGCGGGCTGGGGGTGCCCTCCACCGCTGCCTCT
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GCCGCGGGGTAGGGGCCCGCGCCACCCAGGCTGACGCGTCCCCGCCCTATGCCCGAG
TACCATCAGGAGAGACCCTCCCAGTCTTCGAGGAAGGGGAGGAGGGCTCCGGGCTGT
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CAGCAGGGGGCAGCGTGGGACCCATATCCAGCCCCAGGCGGACCAGAGGTGGAAGGCGC
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AGAAGTGGCAGAGGTGAGGGTCAAAGAACGGGGTCCCTGGGCTGGCAGAGAAGGTTTGTG
TCCCTGTTGAGGAGCCACTCTGCCAGTCTTTGCTGGTCCATAGGCGTGAGAGTTATTTT
TGTACAAGGGGTGAGGGTGGGGGCACTGTACCCTTCTAGCCCCATCAGGGGCCCTGTAG
ACGTGCTATTTTTGGTACGATTCTGTATCCCTATTGCAGAGTCGTGTCCCAATAAA
CAGGTGTCTTGGGACAGGGCCCTGTGTCTGTCTGCCTACCTATGCTCTGAAAAA
AAAAA

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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_016423 unedited NCATGTCAGTATTTGTAACGACTCACTATAGGCGGCCGCGTAATTCGCACGAGGCCTGC ACTTCCCAGAACCAAATAAGTGAAGGGGTCCATGGAGGGCTCACGTCCCCGCGCCCCGA GCGGCCACTTAGCGCCGTCGCGCCGGCTTTCGACGGCGAGCTGGATCTGCAGCGATACT CCAACGGGCCAGCCGTGAGCGCAGGGTCGCTCGGGATGGGAGCGGTGAGCTGGTCTGAGA GTCGTGCAGGCGAACGGCGCTTCCCCTGCCCTGTATGCGGGAAGCGCTTCCGCTTCAACT CTATCCTTGCTTTGCACCTGCGGGCGCACCCAGGAGCCCAGGCCTTCCAGTGCCCTCACT GCGGCCACCGCGCGGCCAGCGGGCTCTGCTGCGCTCGCACCTGCGCACACACCAGCCCG AGCGCCCACGTAGTCTGCTGCACGCTGTTGCTGGAGTTGGAAGAGCGCGCCTACTAC GCGAGGCCCGACTGGGGAGAGCCGAAGCTCAGGGGGCATGCAGGCCACCCCTGCCACTG AGGGTCTGGCGCGGCCCCAGGCTCCTTCATCGTCCGCCTTCCGTTGCCCTACTGCAAAG GCAAGTTTCGCACCTCGGCGGAGCGGAACGCCACCTGCACATCCTGCATAGGCCCTGGA AGTGCGGCCTGTGCAGTTTCGGCTCCAGCCAGGAGGAGGCTGCTGCACCACAGCCTGA CGGGCCCACGGGGCTCCCGAGCGTCCCCTGGGGGCCACCTTCGCTGCGCCTTCGCCTCAG CCTTAGGCTACCACCCAACCCGAAACCAGATCAAGTTCCCAACCCGGACCCGGATCCTG GAGCCCCAACGTGAGCGAGCCCGAGCCAGCTCCGGCCGNTCCGGGAGAGCCCCCAGC GCCCCGGGATT
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016423
<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>	<a href="#">NM_016423.1</a> , <a href="#">NP_057507.1</a>
<b>RefSeq Size:</b>	3039 bp
<b>RefSeq ORF:</b>	2169 bp
<b>Locus ID:</b>	51222
<b>UniProt ID:</b>	<a href="#">Q9P2Y4</a>
<b>Cytogenetics:</b>	14q11.2
<b>Protein Families:</b>	Transcription Factors

**Gene Summary:**

This gene is a member of the Kruppel-like zinc finger gene family. The encoded protein functions as a transcriptional repressor of the high mobility group nucleosome binding domain 1 protein, which is associated with transcriptionally active chromatin. [provided by RefSeq, Apr 2017]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2 and 3 encode the same protein.