

Product datasheet for **SC108174**

ZNF593 (NM_015871) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF593 (NM_015871) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF593
Synonyms:	ZT86
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC108174 sequence for NM_015871 edited (data generated by NextGen Sequencing)

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ATGGGTCGCTCCCGCCGACAGGCGCGCACCGAGCGCACTCTCTAGCCCGCAGATGAAG
GCGAAGCGGCGGCGCCGACTTGGATGAGATTCACCGCGAGCTGCGGCCTCAGGGATCC
GCACGACCCAGCCGACCCAAACGCCGAGTTCGACCCGACCTGCCAGGGGGCGGTCTG
CACCGCTGTCTGGCCTGCGCGAGGTACTTCATCGATTCCACCAACCTGAAGACCCACTTC
CGATCCAAAGACCACAAGAAAAGGCTGAAGCAGCTGAGCGTCGAGCCCTACAGTCAGGAA
GAGGCGGAGAGGGCAGCGGGTATGGGATCCTATGTGCCCCCAGGCGGCTGGCAGTGCCC
ACGGAAGTGTCCACTGAGGTCCCTGAGATGGATACCTCTACCTGA
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Clone variation with respect to NM_015871.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015871 unedited NGGACGGTTTCAGATTTGTAAACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGCGT GTCAGTGGTGGACCTGACCTGCTCCTGGCCCTTGGCTGGCCGGGCTGTTTCTGGCCATG GGTGCTCGCTCCCGCCGGACAGGCGCGCACCAGCGCACTCTCTAGCCCGGCAGATGAAGGCG AAGCGCGGGCGGGCCGACTTGGATGAGATTACCGCGAGCTGCGGCCTCAGGGATCCGCA CGACCCAGCCCCACCCAAACGCCGAGTTCGACCCCGACCTGCCAGGGGGCGGTGCGAC CGCTGCTGGCCTGCGCGAGGTACTTCATCGATTCCACCAACCTGAAGACCCACTCCGA TCCAAAGACCACAAGAAAAGGCTGAAGCAGCTGAGCGTCGAGCCCTACAGTCAGGAAGAG GCGGAGAGGGCAGCGGGTATGGGATCCTATGTGCCCCCAAGGCGGCTGGCAGTGCCACG GAAGTGTCCACTGAGGTCCTGAGATGGATACCTCTACCTGACATGGCCTGAAGATGCAG GGCAGAGGAATTGCCATGGACAGTGACGCAAGGACTAGGCTGGGAGGGAGCGTGCCAAC CCCTTTTGCTCTGGGTTTGGGAGCGGAGGGCCTCTTCTTGGTGCCTGCCCAATAA AGGAACTGGACAAAGAGNAAAAAAAAAAAAAAAAAAAAAAAAAACTCGACTCTAGATT GCGGCCGCGGTACATAGCTGTTTCTGAACAGATCCCGGTGGCATCCCTGTGACCCCTCC CAGTGCCTCTCTGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTGTCTAATAA AATTAAGTGCATCATTTTGTCTGACTAGGTGCTTCATAATATGGTGGGGG
Restriction Sites:	Please inquire
ACCN:	NM_015871
Insert Size:	700 bp
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).
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).
Reconstitution Method:	<ol style="list-style-type: none"> 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:	<u>NM_015871.2</u> , <u>NP_056955.1</u>
RefSeq Size:	649 bp
RefSeq ORF:	351 bp
Locus ID:	51042
UniProt ID:	<u>O00488</u>
Cytogenetics:	1p36.11
Protein Families:	Stem cell - Pluripotency, Transcription Factors

Gene Summary:

Negatively modulates the DNA binding activity of Oct-2 and therefore its transcriptional regulatory activity. Could act either by binding to DNA octamer or by interacting with Oct-2. May also be a modulator of other octamer-binding proteins.[UniProtKB/Swiss-Prot Function]