

Product datasheet for **SC123780**

ZNF593 (BC002580) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZNF593 (BC002580) Human Untagged Clone
Tag: Tag Free
Symbol: ZNF593
Synonyms: ZT86
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC002580 edited
AAGTGCTCACACGTGTGCTCCCTGCCCTGCTCCTGGCCCTTGGCTGGCCGGGCTGTTTC
TGGCCATGGGTCGCTCCCGCCGACAGGCGCGCACCGAGCGCACTCTCTAGCCCGGCAGA
TGAAGGCCAAGCGCGGGCGCCGACTTGGATGAGATTACCGCGAGCTGCGGCCTCAGG
GATCCGCACGACCCAGCCGACCCAAACGCCGAGTTCGACCCCGACCTGCCAGGGGGCG
GTCTGCACCGCTGTCTGGCCTGCGCGAGGTAATTATCGATTCCACCAACCTGAAGACCC
ACTTCCGATCCAAGACCACAAGAAAAGGCTGAAGCAGCTGAGCGTCGAGCCCTACAGTC
AGGAAGAGGCGGAGAGGGCAGCGGGTATGGGATCCTATGTGCCCCCAGGCGGCTGGCAG
TGCCACGGAAGTGTCCACTGAGGTCCTGAGATGGATACCTCTACCTGACATGGCCTGA
AGATGCAGGGCAGAGGAATTGCCATGGACAGTGACGCAAGGACTAGGCTGGGAGGGAGC
GTGCCAACCCCTTTGCCTCTGGGTTTGGGGAGCGGAGGGCCTTCTTGGTGCCTGCC
CCAATAAAGGAACTGGACAAAGAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC002580 unedited NGGAGACCCGGAATTGTATACCACTCCTATAGGCGGCCGACGAATTCGCACGAGGAAGTGC TCACACGTGTGCTCCCTGCCCTGCTCCTGGCCCCCTGGCTGGCCGGGCTGTTTCTGGCCA TGGGTGCTCCC GCCGGACAGGCGCGCACCGAGCGCACTCTAGCCCCGAGATGAAGG CGAAGCGGCGGCCGGGACTTGGATGAGATTCACCGCGAGCTGCGGCCTCAGGGATCCG CACGACCCAGCCCGACCCAAACGCCGAGTTCGACCCCGACCTGCCAGGGGGCGGTCTGC ACCGCTGTCTGGCCTGCGCGAGGTACTTCATCGATTCCACCAACCTGAAGACCCACTTCC GATCCAAAGACCACAAGAAAAGGCTGAAGCAGCTGAGCGTCGAGCCCTACAGTCAGGAAG AGGCGGAGAGGGCAGCGGTATGGGATCCTATGTGCCCCCGAGGCGGCTGGCAGTGCCCA CGGAAGTGTCCACTGAGGTCCCTGAGATGGATACCTCTACCTGACATGGCCTGAAGATGC AGGGCAGAGGAATTGCCCATGGACAGTGACGCAAGGACTAGGCTGGGAGGGAGCGTGCCA ACCCCTTTTGCCTCTGGTTTGGGGAGCGGAGGGCCTCTTCTTGGTGCCCTGCCCCCAAT AAAGGAAGTGGACAAAGAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCGCGGT CATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCTCCCAGTGCCTCT CCTGGCCCTGGAAGTTGCCACTCCAGTGCCACCAGNCCTGTCTAATAAAATTAAGTG CATCATTTTGTCTGACTAGGTGTCTCTTATATATGTGGNGGGGGGGGG
Restriction Sites:	Please inquire
ACCN:	BC002580
Insert Size:	650 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:	BC002580.2 , AAH02580.1
RefSeq Size:	641 bp
Locus ID:	51042
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]