

## Product datasheet for **SC122804**

### TZFP (ZBTB32) (NM\_014383) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TZFP (ZBTB32) (NM_014383) Human Untagged Clone
Tag:	Tag Free
Symbol:	TZFP
Synonyms:	FAXF; FAZF; Rog; TZFP; ZNF538
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:** >OriGene sequence for NM\_014383 edited  
 GTCCTGGAAGAAGCTACAAGCGGCTTGAATGAGATGAGATGTTCCCTCCCTCCCCTTTCA  
 ACCATGGACCTCACACTGTGGACTTCTCTTAGAGCCTCTGAGTTAGGTACCCAAGCCAA  
 GGCACAATGTCCCTGCCCCCATAAGACTGCCAGCCCTATGGCTCTGATCGGCTGGTA  
 CAGCTAGCAGCCAGGCTCCGGCCAGCACTCTGTGATACTCTGATCACCCTAGGGAGCCAG  
 GAGTTCCCGCCACAGCCTGGTGCTAGCAGGTGTCAGCCAGCTGGGCCGAGGGGC  
 CAGTGGGCTCTGGGAGAAGGCATCAGCCCTTCTACCTTTGCCAGCTCCTGAACCTTGTG  
 TATGGGGAGAGTGTAGAGCTGCAGCCTGGAGAGCTAAGGCCCTTCAGGAGGCCGCCAGG  
 GCCTTGGGAGTGCACTCCTGGAAGAGGCATGCTGGAGGGCTCGAGGGGACAGGGCTAAA  
 AAGCCAGATCCAGGCCTGAAGAAACATCAGGAGGAGCCAGAGAAACCCTCAAGGAATCCT  
 GAGAGAGAACTGGGGACCCTGGAGAGAAGCAGAAACCAGAACAGGTTTCTAGAAGTGGT  
 GGGAGAGAACAGGAGATGTTGCACAAGCACTCGCCACCAAGAGGCAGACCCGAGATGGCA  
 GGAGCAACGCAGGAGGCTCAGCAGGAACAGACCAGGTCAAAGGAGAAACGCCTCCAAGCC  
 CCTGTTGGCCAAAGGGGAGCAGATGGGAAGCATGGAGTGCTCACGTGGTTGAGGGAAAAT  
 CCAGGGGGCTCTGAGGAAAGTCTGCGCAAGCTCCCTGGCCCCCTTCCCCAGCAGGCTCC  
 CTGCAAAACAGCGTCACCCCTAGGCCCTCGTGGGCTGAGGCCCTTGGTTGGTGGGGGGC  
 CAGCCTGCCCTGTGGAGCATCCTGCTGATGCCGCCAGATATGGCATTCCCTTCTACCAT  
 AGCACCCCACTGGAGCCTGGCAGGAGGTCTGGCGGGAACAGAGGCCACTTGAAC  
 CTGTGCGGGTCTAGGACAAGGCAGGCTGCCACCTCGCCCGCACCCCTCCCCGGCCCC  
 TCCTGCTCGGTCTCGGCCATGCGTGCTCTGTGTGAAAGAGGTTTTCACTCAAGCA  
 TCAGATGGAGACGCACTACCGAGTCCACACAGGAGAGAAGCCCTTCTCCTGTAGCCTTTG  
 TCCTCAGCGCTCCCGGACTTCTCGGCCATGACCAAGCACCTGCGGACACACGGGGCCG  
 TCCGTACCGCTGCTCCCTGTGCGGGGCGGCTGTCCCAGCCTGGCCTCCATGCAGGCGCA  
 CATGCGCGGTCACTCGCCAGCCAACCTCCCGCCGGATGGACCATCCGCTCCACCTTCT  
 CTACTCCTCTCGAGGCCGTCTCGGCCCTCGACCTCTCCCTGTTGTCTTCTTCTCCAC  
 CACCTGACGGGTGTCGGTAGCGTCTTAGCCAAGAGTCCAATTAAGAACGAAAAGCGGG  
 CCGGCTCGGTTCTGACCTGGCACCGTCTACGGCGCCTAGCAAATCCGCCCCAGAA  
 GCGCCCCAGGAAGGGCGCCGAGTGCCCTCTCCTGGACGATCGCGGTGCGAGAAGCCAG  
 GCCAGCGACCCCTACAGAGTGAGGACACTGAAGTGTGAGGAGCGAAGGTTAACAGTAGG  
 GGAGATTGTCGATCTCATCACCATAATAAAGAGTTTCTGTGCCCTCCCTCAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**5' Read Nucleotide Sequence:** >OriGene 5' read for NM\_014383 unedited  
 ACATATTTTGTAAACGAACACTATAGGGCGGCCGATTCCCGGGATATCGTCGACC  
 CACGCGTCCGCCACGCCGTNNCGGTCTGGAAGAAGCTACAAGCGGCTTGAATGAGA  
 TGAGATGTTCCCTCCCTTTCAACCATGGACCTCACACTGTGGACTTCTCTTAGAG  
 CCTCTGAGTTAGGTACCCAAGCCAAGGCACAATGTCCCTGCCCCATAAGACTGCCCA  
 CCCATGGCTCTGATCGGCTGGTACAGCTAGCAGCCAGGCTCCGCCAGCACTCTGTGA  
 TACTCTGATCACCCTAGGAGCCAGGAGTTCGCCGCCACAGCCTGGTGCTAGCAGGTGT  
 CAGCCAGCAGCTGGGCCGAGGGCCAGTGGGCTCTGGGAGAAGGCATCAGCCCTTCTAC  
 CTTTGCCAGCTCCTGAACCTTGTGATGGGGAGAGTGTAGAGCTGCAGCCTGGAGAGCT  
 AAGGCCCTTTCAGGAGCGGCCAGGGCCTTNGAGTGCAGTCCCTGNAAGAGGCATGCTG  
 GAGGGCTCGAGGGGACAGGGCTAAAAAGCCAGATCCAGGCCTGAAGAACATCANGAGGAG  
 CCAGAGAAACCTCAGGGATCCTGAGAGAGAACTGGGGACCCTGGAGAGAAGCAGAAACC  
 AGACAGGTTTCTAGAAGTGGTGGGAGAGAACAGANNATGTNGCACAGCCTCGGCCACCAG  
 AGCAGACCCGAGATGGCNGGAGCACGCCAGAGGCTCAGCAGGNACAGACCANGTCAAAAAG  
 AAAAAACGCCTCCNAGCCCCCTGTTGGCAAAAGGAGCANAATGGAAGCATGGAGTGCTC  
 ACGTGGNTTGAAGGAAAATTCAGGGGGCTTTGAGAAAAGTCTGCCAAACCTCCTTGGCC  
 CCTTCCCAACAGGTTCTGGAACCAACGTTACCCTAGGCCTCGGG

**Restriction Sites:** Please inquire  
**ACCN:** NM\_014383

<b>Insert Size:</b>	1785 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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_014383.1</a> , <a href="#">NP_055198.1</a>
<b>RefSeq Size:</b>	1960 bp
<b>RefSeq ORF:</b>	1464 bp
<b>Locus ID:</b>	27033
<b>UniProt ID:</b>	<a href="#">Q9Y2Y4</a>
<b>Cytogenetics:</b>	19q13.12
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	<p>DNA-binding protein that binds to the to a 5'-TGTACAGTGT-3' core sequence. May function as a transcriptional transactivator and transcriptional repressor. Probably exerts its repressor effect by preventing GATA3 from binding to DNA. May play a role in regulating the differentiation and activation of helper T-cells (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>