

## Product datasheet for **SC327683**

### TFII I (GTF2I) (NM\_001163636) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TFII I (GTF2I) (NM_001163636) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFII I
Synonyms:	BAP135; BTKAP1; DIWS; GTFII-I; IB291; SPIN; TFII-I; WBS; WBSCR6
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:** >NCBI ORF sequence for NM\_001163636, the custom clone sequence may differ by one or more nucleotides

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ATGGCCCAAGTTGCAATGTCCACCCTCCCCGTTGAAGATGAGGAGTCTCGGAGAGCAGG
ATGGTGGTGACATTCTCATGTCCAGTCTCGAGTCCATGTGTAAGAAGTGGCCAAGTCC
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CGGATGAGTGTAGATGCTGTAGAAATTGAAACACTCAGAAAAACAGTTGAGGACTATTC
TGCTTTTGCTATGGGAAAAGCTTTAGGCAATCCACAGTGGTACCTGTACCATATGAGAAG
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AACCCGGAGTTCTGTATGTGGAAGGCTTGCCAGAGGGGATTCCCTTCCGAAGCCCTACC
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ACTAAAGCTTTGCAGTCCCCAAAAGACCACGAAGTCTGGGAGTAATTCAAAGGTTCTT
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ACCCGACCCAGACTAACGGTTCAACGTTCCCTTCAAGCCAGGGGAGAGAGTTTTTCC
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CCATTTCCAGGACTTGTGATTAATAACCAGCTGGTTGATCAGAGTGAGTCAGAAGCCCC
GTGATACAAGAATCAGCTGAACCAAGCCAGTTGGAAGTTCAGCCACAGAAGAAATAAAA
GAGACTGATGGAAGCTCTCAGATCAAGCAAGAACCAGACCCACAGTGG

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<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_001163636
<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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><a href="#">NM_001163636.1</a></u> , <u><a href="#">NP_001157108.1</a></u>
<b>RefSeq Size:</b>	4463 bp
<b>RefSeq ORF:</b>	2931 bp
<b>Locus ID:</b>	2969
<b>UniProt ID:</b>	<u><a href="#">P78347</a></u>
<b>Cytogenetics:</b>	7q11.23
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Basal transcription factors
<b>Gene Summary:</b>	<p>This gene encodes a phosphoprotein containing six characteristic repeat motifs. The encoded protein binds to the initiator element (Inr) and E-box element in promoters and functions as a regulator of transcription. This locus, along with several other neighboring genes, is deleted in Williams-Beuren syndrome. There are many closely related genes and pseudogenes for this gene on chromosome 7. This gene also has pseudogenes on chromosomes 9, 13, and 21. Alternatively spliced transcript variants encoding multiple isoforms have been observed. [provided by RefSeq, Jul 2013]</p> <p>Transcript Variant: This variant (5) uses an alternate in-frame splice site and lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (5) is shorter than isoform 1.</p>