

## Product datasheet for **SC308324**

### YY2 (NM\_206923) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	YY2 (NM_206923) Human Untagged Clone
Tag:	Tag Free
Symbol:	YY2
Synonyms:	ZNF631
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	<p>&gt;OriGene ORF sequence for NM_206923 edited</p> <pre> ATGGCCTCCAACGAAGATTTCTCCATCACACAAGACCTGGAGATCCCGGCAGATATTGTG GAGCTCCACGACATCAATGTGGAGCCCCCTTCTATGGAGGACATCCGACGGAAAGCGTC CAGTACGAGGATGTGGATGGCAATTGGATCTACGGTGGCCACAACCATCCGCCATTGATG GTGTTGCAGCCGCTCTTACGAACACGGGCTATGGCGACCACGACCAGGAAATGCTTATG TTGCAGACACAAGAGGAAGTGGTGGGCTATTGCGACTCAGACAACCAGCTAGGCAACGAC TTGGAGGACCAGTTGGCCCTCCCGGATAGCATTGAAGACGAGCACTTCCAGATGACCCTG GCCTCTGTGCGCCTCGGCGGCATCAACATCAACATCAACCCAGAGCCGAGCAAAAAG CCCAGCAAAAAGCCAGCGGCAAGAGTGCCACCAGCACTGAGGCCAACCCGGCAGGCAGC AGCTCCAGCCTGGGCACGAGGAAGTGGGAGCAGAAGCAAATGCAGGTCAAACCGTGGAG GGTGAGTTTTCCGTGACTATGTGGTCCCCTAACGATAACAATGACCAAGGGGCAGTGGGT GAAGGCCAGGCTGAAAACCCACCTGATTATTCCGAGTACTTGAAAGGGAAGAAACTTCT CCTGGGGGTTACCAGGCATTGATCTCTCAGATCCTAAACAGCTGGCAGAATTTACTAAA GTGAAGCCAAAAGGTCCAAAGGAGAACCTCCCAAAACAGTCCCTTGCTTTATAGCGGC TGCGAAAAGATGTTCCGGGATTACGCCGCCATGAGAAAACATCTCCACATCCACGGGCC AGAGTCCACGTATGTGCAGAATGTGGCAAAGCTTTTCTTGAGAGCTCAAAGCTGAGACGA CACCAGCTGGTCCACACCGGCGAGAAGCCCTTTTCAGTGACATTCGAAGGCTGCGGGAAA CGCTTTTCCCTTGATTTCAATTTGCGCACACACTTGCGCATCCACACCGGCGATAAGCCC TTCGTGTGCCCTTCGATGTTTGCAACAGGAAGTTCGCTCAGTCAACCAACCTGAAAACC CACATATTAACGCATGTGAAGACCAAAAACAACCCGTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_206923
Insert Size:	1100 bp



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<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>	The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_206923.2.
<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>NM_206923.1, NP_996806.1</u>
<b>RefSeq Size:</b>	1119 bp
<b>RefSeq ORF:</b>	1119 bp
<b>Locus ID:</b>	404281
<b>UniProt ID:</b>	<u>O15391</u>
<b>Cytogenetics:</b>	Xp22.12
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	The protein encoded by this gene is a transcription factor that includes several Kruppel-like zinc fingers in its C-terminal region. It possesses both activation and repression domains, and it can therefore have both positive and negative effects on the transcription of target genes. This gene has an intronless coding region, and it appears to have arisen by retrotransposition of the related YY1 transcription factor gene, which is located on chromosome 14. [provided by RefSeq, May 2010]