

## Product datasheet for **SC116734**

### **YES1 (NM\_005433) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	YES1 (NM_005433) Human Untagged Clone
Tag:	Tag Free
Symbol:	YES1
Synonyms:	c-yes; HsT441; P61-YES; Yes
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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**Fully Sequenced ORF:** >OriGene ORF within SC116734 sequence for NM\_005433 edited (data generated by NextGen Sequencing)

```
ATGGGCTGCATTAAGTAAAGAAAACAAAAGTCCAGCCATTAATACAGACCTGAAAAAT
ACTCCAGAGCCTGTCAGTACAAGTGTGAGCCATTATGGAGCAGAACCCACTACAGTGTCA
CCATGTCCGTATCTTCAGCAAAGGGAACAGCAGTTAATTTTCAGCAGTCTTTCCATGACA
CCATTTGGAGGATCCTCAGGGGTAACGCCTTTTGGAGGTGCATCTTCTCATTTCATG
GTGCCAAGTTCATATCTGCTGGTTAACAGGTGGTGTACTATATTTGTGGCCTTATAT
GATTATGAAGCTAGAAGTACAGAAGACCTTTCATTTAAGAAGGGTGAAGATTTCAAATA
ATTAACAATACGGAAGGAGATTGGTGGGAAGCAAGATCAATCGCTACAGGAAAGAATGGT
TATATCCCAGCAATTATGTAGCGCCTGCAGATTCATTTCAGGCAGAAGAATGGTATTTT
GGCAAAATGGGGAGAAAAGATGCTGAAAGATTACTTTTGAATCCTGGAAATCAACGAGGT
ATTTTCTTAGTAAGAGAGAGTGAACAACAAAGGTGCTTATTCCTTTCTATTCGTGAT
TGGGATGAGATAAGGGGTGACAATGTGAAACACTACAAAATTAGGAACTTGACAATGGT
GGATACTATATCACAAACCAGAGCACAATTTGATACTCTGCAGAAATTTGGTGAACACTAC
ACAGAACATGCTGATGGTTTATGCCACAAGTTGACAACACTGTGTCCAACACTGTGAAACCT
CAGACTCAAGGTCTAGCAAAAGATGCTTGGGAAATCCCTCGAGAATCTTTGCGACTAGAG
GTTAAACTAGGACAAGGATGTTTCGGCGAAGTGTGGATGGGAACATGGAATGGAACCACG
AAAGTAGCAATCAAAACACTAAAACCAGGTACAATGATGCCAGAAGCTTTCCTTCAAGAA
GCTCAGATAATGAAAAAATTAAGACATGATAAACTTGTCCACTATATGCTGTTGTTTCT
GAAGAACAATTTACATTGTCACTGAATTTATGTCAAAGGAAGCTTATTAGATTTCTT
AAGGAAGGAGATGGAAAGTATTTGAAGCTTCCACAGCTGGTTGATATGGCTGCTCAGATT
GCTGATGGTATGGCATATATTGAAAGAATGAACTATATTCACCGAGATCTTCGGGCTGCT
AATATTTCTGTAGGAGAAAAATCTTGTGTGCAAAATAGCAGACTTTGGTTTAGCAAGGTTA
ATTGAAGACAATGAATACACAGCAAGACAAGGTGCAAAATTTCCAATCAATGGACAGCT
CCTGAAGCTGCACTGTATGGTTCGGTTTACAATAAAGTCTGATGTCTGGTCATTTGGAATT
CTGCAACAGAACTAGTAACAAAGGGCCGAGTGCATATCCAGGTATGGTGAACCGTGAA
GTACTAGAACAAGTGGAGCGAGGATACAGGATGCCGTGCCCTCAGGGCTGTCCAGAATCC
CTCCATGAATTGATGAATCTGTGTTGGAAGAAGGACCCTGATGAAAGACCAACATTTGAA
TATATTCAGTCTTCTTGAAGACTACTTCACTGCTACAGAGCCACAGTACCAGCCAGGA
GAAAAATTATAA
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Clone variation with respect to NM\_005433.3

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_005433 unedited

```
TGTAATACGACTCACTTATAGGGCGGCCGCGATTTCGGCACGAGGGGAAGTGACACGGACC
GGTCGCCTATCCTGACCACAGCAAAGCGGCCCGGAGCCCGCGGAGGGGACCTGACGGGGG
CGTAGGCGCCGGAAGGCTGGGGGCCCGGAGCCGGGCGCGGCGCCGAGTTCCGGTGA
GCGGACGGCGCGCGCAGATTTGATAATGGGCTGCATTAAGTAAAGAAAACAAAAG
TCCAGCCATTAATACAGACCTGAAAATACTCCAGAGCCTGTCACTACAAGTGTGAGCCA
TTATGGAGCAGAACCCTACTACAGTGTACCATGTCCGTATCTTCAGCAAAGGGAACAGC
AGTTAATTTTCAGCAGTCTTTCCATGACACCATTGGAGGATCCTCAGGGGTAACGCCTTT
TGGAGGTGCATCTTCTCATTTCAGTGGTGCAGTTTATATCTGCTGGTTAACAGG
TGGTGTACTATATTTGTGGCCTTATATGATTATGAAGCTAGAAGTACAGAAGACCTTTC
ATTTAAGAAGGGTGAAGATTTCAAATAATTAACAATACGGAAGGAGATTGGTGGGAAGC
AAGATCAATCGCTACAGGAAAGAATGGTTATATCCCGAGCAATTATGTAGCGCCTGCAGA
TTCCATTCANGCAGAAGAATGGTATTTTGGCANAATGGGGAGAAAAGATGCTGAAAGATT
ACTTTTGAATCNCTGGAATCAACGAGGTATTTTCTTTAGTAGAGAGAGTGAACAACATAA
AGGTGCTTATTCCTTTTCTATTCGTGATTGGGATGAGATAAGGNGTGACATGTGAAACA
CTACAAATTANGAACTTGACATGGGTGATACTATATCACANCCAGAGCACATTTGATAC
TCTGCAGNAATGGGTGAACACTAC
```

<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_005433 unedited NTTTTAGCTATGGACCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTGCA TTCAATGAGAAGCTTTTTATTTCAATTATCCACAAAACAATATTACAATACTTTATAAAAA TATTAAGTTTAGGCTACCATTATTCATTTAAAAAAGTGTGCTAGAAGGCTGTTTTTGCCA ACTTCCTTTTTGGTAAGGGTAACTTCCACATTAAGACACTGAAGACGAAAAGCTGTTG GAAAATATCTCCAAATTTACAAAGTTGTTTTCTTGCAATTTAAAAATACAGAACAATT TAAAATGAATACACATTGTTAGTGTTTTATCCCTACTATACAATTGTTATTATATAAGGA ACTGCTCCATTCAGTTAAAACCTAATGAATACCATCAACTTTTCCTGCCTTACTTTCCTG ATTAGATTTAGTACATAAACGTAATTTTGTCAACCTTTTGAATATGCTTAGAAAAATTAC AATATCATAGTTCACATAAAGCCCTTAAAAATCTCATGTCACAAGTTGTTGATAAGAGG AAATAATGACAGCACTCTTCTTAGGAAGACCCTTTGGTAGAGAGTGTCAATACTAAGCA GGTTACGTAACAGAAAAACAACCACAATTTTTAGTACCAGAACCCTGCCAATTGCA TGAAGTCCATCTTCACATTTTAAAAATGGTTTGAATTTGAACATATACGCCATGGCAG AATTTGCAATCTGATGATTAATAAATCAGGTAATAATGATAGCTCAGAATTATATCCTGAA AATAGAGGGGCTAATATAAAGGCTTATTTAAAGTGTGACTATATGAGAGTATTTAAAA CTATACACCAAACCTTCATTTATTCATCATTTTTCTTTGCTAGACACTCCAACCATG CTGCTATTAAN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_005433
<b>Insert Size:</b>	4230 bp
<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>RefSeq:</b>	<a href="#">NM_005433.3</a> , <a href="#">NP_005424.1</a>
<b>RefSeq Size:</b>	4685 bp
<b>RefSeq ORF:</b>	1632 bp
<b>Locus ID:</b>	7525
<b>UniProt ID:</b>	<a href="#">P07947</a>
<b>Domains:</b>	pkinase, SH2, TyrKc, SH3, S_TKc
<b>Protein Families:</b>	Druggable Genome, Protein Kinase
<b>Protein Pathways:</b>	Adherens junction, Tight junction
<b>Gene Summary:</b>	This gene is the cellular homolog of the Yamaguchi sarcoma virus oncogene. The encoded protein has tyrosine kinase activity and belongs to the src family of proteins. This gene lies in close proximity to thymidylate synthase gene on chromosome 18, and a corresponding pseudogene has been found on chromosome 22. [provided by RefSeq, Jul 2008]