

Product datasheet for **RN202699**

Yes1 (NM_033298) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Yes1 (NM_033298) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Yes1
Synonyms:	c-Yes; p60c-yes; p61-Yes; Yes
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202699 representing NM_033298
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTGCATTAAGTAAAGAAAACAAAAGTCCAGCCATTAATATACACCGAAAATCCTACAGAGC
CTGTAACACAAGTGCCGGTCATTATGGAGTGGAAACATGCTACAGCTGCCACGACCTCTCCACAAGGG
AGCATCAGCTAATTTAACAGTCTTTCCATGACACCCTTTGGAGGGTCCCTCTGGGGTGACTCTTTTGA
GGAGCATCTTCTCATTCTCAGTGGTCCCAAGTTCATATCCTACAAGTTAACAGGTGGTGTCACTATAT
TTGTGGCCTTATGATTATGAAGCTAGAAGTACAGAAGACCTTTCTTTAAGAAGGGTGAAGATTTCA
AATAATTAACAATACGGAAGGAGACTGGTGGGAAGCAAGATCAATTGCTACCGAAAAGAATGTTATATC
CCTAGCAATTATGTAGCGCTGCAGATTCATTACGGCAGAAGAATGGTATTTGGCAAAATGGGGAGAA
AAGATGCTGAAAGATTACTTCTGAATCCTGGGAATCAGCGAGGTATATTCTTAGTAAGAGAAAGTAAAC
TACTAAAGGTGCTTATCCCTCTCAATTCGTGATTGGGATGAGGTAAAGGGTGACAATGTGAAGCATTAC
AAAATCAGAAAACCTTGACAACGGTGGATACTACATCACGACCAGAGCTCAGTTTGATACTCTACAGAAAC
TGGTGAAGCATTACAGAACATGCTGATGGATTATGCCACAAATTAACAACCGTCTGTCCAACGTGTA
ACCGCAGACTCAAGGTCTCGAAAAGACGCTTGGGAAATCCCTCGAGAGTCTTTGCGACTCGAGGTTAA
CTAGGTCAAGGATGCTTTGGTGAAGTGTGGATGGGAACATGGAATGGAACCACAAAAGTAGCAATCAAAA
CACTAAAGCCAGGTACAATGATGCCAGAAGCATTCCTTCAAGAAGCTCAGATAATGAAAAAATTAAGACA
CGATAAAGTGTCCGCTCTATGCAGTTGTTCTGAAGAGCCAATTTATATTGCTACTGAGTTTATGTCA
AAAGGAAGCTTGTAGATTTCTTAAAGAAGGAGATGGAAAGTATTTGAAGCTCCACAGCTGGTTGATA
TGGCTGCTCAGATTGCTGATGGCATGGCATATATTGAAAGAATGAAGTATATTCCAGGAGATCTCCGAGC
TGCTAATATTCTGTGGGAGAAAATCTTGTATGCAAAAATAGCAGATTTTGGCTTAGCAAGACTAATTGAA
GACAATGAATACAGCAAGACAAGGTGCAAAAATTTCCAATCAAGTGGACAGCTCCTGAGGCTGCGCTTT
ATGGTCGATTTACGATAAAGTCAGATGTGTGGTCAATTTGGAATTTACAGACAGAGCTGGTAACAAAAGG
AAGAGTGCCTATCCAGAGGTCTGAGTTCAATCCCAGCAACCACATCGTGGCTCACACCATCTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_033298

Insert Size: 1470 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:

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: [NM_033298.1](#), [NP_150640.1](#)
RefSeq Size: 1795 bp
RefSeq ORF: 1470 bp
Locus ID: 24884
Cytogenetics: 9q38
Gene Summary: has protein tyrosine kinase activity and catalyzes autophosphorylation at two tyrosine residues including Tyr32 [RGD, Feb 2006]