

Product datasheet for **SC334478**

Cyclin Y (CCNY) (NM_001282854) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin Y (CCNY) (NM_001282854) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNY
Synonyms:	C10orf9; CBCP1; CCNX; CFP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282854, the custom clone sequence may differ by one or more nucleotides

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ATGGACCCAGATGGAAGGATGCTCTTAGATATTTTTGATGAAAATCTTCACCCTCTTCGAAATCCGAAG
TGCCACCAGATTATGACAAACACAACCCAGAGCAGAAGCAGATTTACCGTTTCGTTCCGACACTGTTTCAG
TGCTGCTCAGCTGACGGCTGAATGTGCCATCGTCACCCTGGTGTACCTTCAAAGACTTTTAAACATACGCA
GAGATAGATATCTGTCCGGCCAACTGGAAGCGGATTGTTTTAGGGGCGATCCTGCTGGCCTCCAAGGTGT
GGGATGACCAGGCTGTATGGAATGTGGATTACTGCCAGATCCTGAAAGACATCACGGTGGAGGACATGAA
CGAGCTAGAGCGACAGTTTCTTGAATTGCTGCAGTTCAACATCAATGTTCCCTCCAGTGTCTATGCCAAG
TATTATTTTATCTTCTCTGCGAGAAGCGAACAACCTGAGCTTTCCCTTGGAGCCCTGAGCAGGG
AGAGGGCTCACAAGCTTGAGGCCATCTCTCGCCTCTGCGAGGACAAGTACAAGGACCTAAGAAGATCCGC
GAGGAAGCGCTCAGCCAGTGCAGACAACCTGACTCTGCCCGGTGGTCCCCAGCCATCATCTCTTAA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282854
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_001282854.1](#), [NP_001269783.1](#)

RefSeq Size: 4574 bp

RefSeq ORF: 627 bp

Locus ID: 219771

UniProt ID: [Q8ND76](#)

Cytogenetics: 10p11.21

Gene Summary: Cyclins, such as CCNY, control cell division cycles and regulate cyclin-dependent kinases (e.g., CDC2; MIM 116940) (Li et al., 2009 [PubMed 18060517]).[supplied by OMIM, May 2009]
Transcript Variant: This variant (5) lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (5) has a distinct N-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.