

Product datasheet for **SC314149**

CDYL (NM_004824) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDYL (NM_004824) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDYL
Synonyms:	CDYL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC314149 representing NM_004824.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

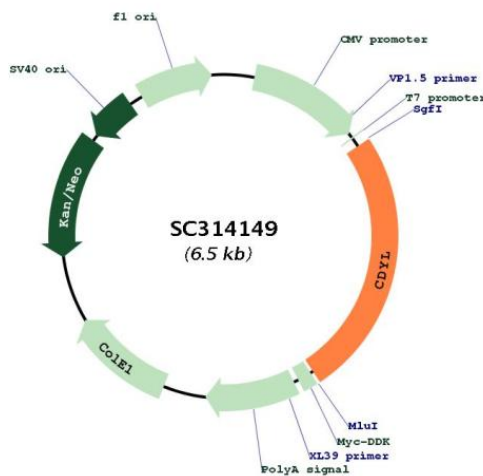
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCCGAGGAGCTGTACGAGGTTGAAAGGATTGTGACAAAAGGAAAAATAAAAAGGAAGACA
GAGTATTTGGTTCGGTGGAAAGGCTATGACAGCGAGGACGACACTTGGGAGCCGGAACAGCACCTCGTG
AACTGTGAGGAATACATCCACGACTTCAACAGACGCCACACGGAGAAGCAGAAGGAGAGCACATTGACC
AGAACAAACAGGACCTCTCCCAACAATGCTAGGAAACAAATCTCCAGATCCACCAACAGCAACTTTTCT
AAGACCTCTCCTAAGGCACTCGTGATTGGGAAAGACCACGAATCCAAAAACAGCCAGCTGTTTGCTGCC
AGCCAGAAGTTCAGGAAGAACACAGCTCCATCTCTCTCCAGCCGGAAGAACATGGACCTAGCGAAGTCA
GGTATCAAGATCCTCGTGCCTAAAAGCCCCGTTAAGAGCAGGACCGCAGTGGACGGCTTTCAGAGCGAG
AGCCCTGAGAACTGGACCCCGTCGAGCAGGGTCAGGAGGACACAGTGGCACCCGAAGTGGCAGCGGAA
AAGCCGGTCGGAGCTTTATTGGCCCGGTGCCGAGAGGGCCAGGATGGGAGCAGGCCAGGATACAC
CCACTAGTGCCTCAGGTGCCCGGCCCTGTGACTGCAGCCATGGCCACAGGCTTAGCTGTTAACGGGAAA
GGTACATCTCCGTTTCATGGATGCATTAACAGCCAATGGGACAACCAACATACAGACATCTGTTACAGGA
GTGACTGCCAGCAAAAGGAAATTTATTGACGACAGAAGAGACCAGCCTTTTGACAAGCGATTGCGTTTC
AGCGTGAGGCAACAGAAAGTGCCTACAGATACAGAGATATTGTGGTCAGGAAGCAGGATGGCTTACC
CACATCTTGTTATCCACAAAGTCCCTCAGAGAATAACTCACTAAATCCAGAGGTAATGAGAGAAGTCCAG
AGTGCTCTGAGCACGGCCGCTGCCGATGACAGCAAGCTGGTACTGCTCAGCGCCGTTGGCAGCGTCTTC
TGTTGTGGACTTGACTTTATTTATTTTATACGACGTCTGACAGATGACAGGAAAAGAGAAAGCACTAAA
ATGGCAGAAGCTATCAGAACTTCGTGAATACTTTTCATTCAATTAAGAAGCCCATTATTGTAGCAGTC
AATGGCCAGCCATTGGTCTAGGAGCATCTATTTGCCCTTTTGGCATGTGGTTTGGGCTAATGAAAAG
GCTTGGTTTTCAAACACCCTATACCACCTTCGGACAGAGTCCAGATGGCTGTTCTACCGTTATGTTTCCC
AAGATAATGGGAGGAGCATCTGCAAACGAGATGCTGCTCAGTGGACGGAAGCTGACAGCGCAGGAGGCG
TGTGGCAAGGGCCTGGTCTCCCAGGTGTTTTGGCCGGGACGTTCACTCAGGAAGTGATGGTTTCGATT
AAGGAGCTTGCTCGTGAATCCAGTTGTGCTTGAGGAATCCAAAGCCCTCGTGCCTGCAACATGAAG
ATGGAGCTGGAGCAGGCCAACGAGAGGGAGTGTGAGGTGCTGAAGAAAATCTGGGGCTCGGCCAGGGG
ATGGACTCCATGTTAAAGTACTGCAGAGGAAGATCGATGAGTTCGTA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
    
```

Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN:	NM_004824
Insert Size:	1635 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).
OTI Annotation:	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.
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:	<ol style="list-style-type: none">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_004824.3
RefSeq Size:	3477 bp
RefSeq ORF:	1635 bp
Locus ID:	9425
UniProt ID:	Q9Y232
Cytogenetics:	6p25.1
Domains:	CHROMO, ECH
MW:	60.6 kDa
Gene Summary:	<p>Chromodomain Y is a primate-specific Y-chromosomal gene family expressed exclusively in the testis and implicated in infertility. Although the Y-linked genes are testis-specific, this autosomal gene is ubiquitously expressed. The Y-linked genes arose by retrotransposition of an mRNA from this gene, followed by amplification of the retroposed gene. Proteins encoded by this gene superfamily possess a chromodomain, a motif implicated in chromatin binding and gene suppression, and a catalytic domain believed to be involved in histone acetylation. Multiple proteins are encoded by transcript variants of this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the longest transcript.</p>