OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC304913

CCNO (NM_021147) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCNO (NM_021147) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNO
Synonyms:	CCNU; CILD29; UDG2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304913 representing NM_021147. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGTGACCCCCTGTCCCACCAGCCCCTCGAGCCCCGCCGCCCGAGCGGGGAGGCGGGACAACGACCAG AACCTTCGCGCCCCGGTGAAGAAGAGCAGGCGTCCGCGCCTCCGGAGGAAGCAGCCGCTGCATCCCCTG AACCCGTGCCCGCTCCCGGGAGACTCCGGCATTTGCGACCTGTTCGAGTCCCCCAGCTCCGGCTCAGAC GGCGCAGAGAGCCCCTCTGCGGCGCGGGGTGGTAGCCCCCTGCCCGGCCCGGCCCAGCCCGTGGCGCAG CTAGATCTACAGACCTTCCGCGACTACGGCCAGAGCTGCTACGCCTTCCGCAAGGCGCAGGAGAGCCAC TTCCACCCGCGGGAGGCGCTGGCACGGCAGCCACAAGTGACGGCGGAATCCCGCTGTAAGCTGCTCAGC TGGCTGATCCCGGTGCACCGCCAATTCGGCCTCTCCTTCGAGTCGCTGTGCCTGACGGTGAACACTCTG GACCGCTTCCTCACCACCACGCCGGTGGCTGCAGACTGCTTCCAGCTGCTTGGGGTCACCTCCTTGCTC ATCGCTTGCAAACAGGTGGAGGTGCACCCGCCGCGCGTGAAGCAGCTTCTGGCCCTCTGCTGCGGCGCC TTCTCCCGGCAGCAGCTCTGCAACCTCGAGTGCATCGTGCTGCACAAGCTGCACTTCACCCTGGGTGCG CCCACCATTAGCTTCTTCCTGGAGCATTTCACGCACGCTCGCGTGGAGGCGGGGCAGGCTGAGGCCTCC GAAGCTCTGGAAGCGCAAGCCCTGGCGCGGGGGGTGGCAGAGCTGAGTCTGGCCGACTATGCCTTCACC AGCTACTCCCCTTCCCTCCTGGCGATCTGCTGCCTGGCGCTGGCGGACCGCATGCTGCGGGTCTCGCGG CCCGTGGACTTGCGACTGGGAGACCACCCGGAGGCGGCGCTGGAGGACTGTATGGGCAAGTTGCAGCTG CTGGTGGCCATAAACAGTACTTCCTTGACTCACATGCTGCCCGTTCAGATCTGCGAGAAGTGCAGCCTG CCCCCGAGCTCGAAATAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI
ACCN:	NM_021147

View online »

Insert Size:	1053 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:	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_021147.4
RefSeq Size:	1485 bp
RefSeq ORF:	1053 bp
Locus ID:	10309
UniProt ID:	P22674
Cytogenetics:	5q11.2
MW:	38.1 kDa
Gene Summary:	This gene encodes a member of the cyclin protein family, and the encoded protein is involved in regulation of the cell cycle. Disruption of this gene is associated with primary ciliary dyskinesia-19. Alternative splicing results in multiple transcript variants. This gene, which has a previous symbol of UNG2, was erroneously identified as a uracil DNA glycosylase in PubMed ID: 2001396. A later publication, PubMed ID: 8419333, identified this gene's product as a cyclin protein family member. The UNG2 symbol is also used as a specific protein isoform name for the UNG gene (GeneID 7374), so confusion exists in the scientific literature and in some databases for these two genes. [provided by RefSeq, Jul 2014] Transcript Variant: This variant (1) encodes the functional protein.