

Product datasheet for **SC122398**

ELL (BC010010) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ELL (BC010010) Human Untagged Clone
Tag: Tag Free
Symbol: ELL
Synonyms: C19orf17; ELL1; MEN; PPP1R68
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC010010 edited
GGCACGAGGGATGGGTCTGCCTGCTCTGGGGGTGCAGGCTCTGCAGACACCCCAATTGCT
GCTCTGTTGCTGTGCCTAGTCTAGTGTCCCCAAAGCATCGGGGGCCACGCAAGTGTGG
GTGTGTGAGTGTGCGTATGTGGGACCCCCAGGGCATGGTGGGGTCTGAGGCGTGTGTT
CCCATTTAGGGCTGAATGAAGCCATGACTTGAAAGGTGGTGGGGGTGGATGGCGGCTG
TGACTCAGGGCCAGGGATCACATGGGGTCACTGCTGCCATCAGCAGTCAGGCAGGGAG
AACAGAAATGCAAAAATACAGATGTGTCTATTTTTCTAAACTGGGGGTGGAGGGTGCC
TCCTGACAGCTTCCAAGAGCTGACTGTGGAGGGCCACAGTGTATCCACCCCTGCCCC
AGAGTCTCTCCTTTGGGACCCCGGGTCCCAGAGCTCCGAGGAAACTGATCCTTCAT
GTTTCAATAGCTGTTGTTGTTTTCTCTTTGGGCCGGCCGGCCGGGAAGGGCCGAGC
AGGCTCCAGGAGCCTCCAGAGTCAGCTGGACCTTGCTGTGTCGCCCGCAGGCAGCCCTG
CAGACACCGGTGAGGTGGATGATTTTCAGGAGTCCCAGCCCGGACTGCCCGCCCTCT
GCCCTGGGAACCAAGTCCAAGGGCTGTCAGTTGAATTTGCCTTTTTGTTGTTGTTGTT
TTTTGTTGTTATTTGTTCTCCTTTTAAGGAATTATGAAGCTAAGAAAAGTTTTGTGTTT
TGGGGGTGGTGGACAAAGTTCTAGCTGATTAATATGGTCTAATTATTGATACTATTT
TTTTCTTTAATGTTGTAAGTGTGGAGAAAAACTATTTGAGCCATGGGGTGGTGTGTTA
CAAGAACTTTCCACTTTTGCCAAAATGTTACAATTGAAAGGCATCTGCGTCTTCAGTTTC
CTGATATTTTCTAAAAGATCTAGTGTCTTTTTGTACTACTAAACAGGTGAATGCTGACT
TTTTTCATTCTCCAATAAATTTCACTGAACTGAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010010 unedited CGTCACAATTGTATACGACTCATATAGGCGGCACGCGAATTCGCACGAGGGATGGGTCTG CCTGCTCTGGGGGTGCAGGCTCTGCAGACACCCCAATTGCTGCTCTGTTGCTGTGCCTAG TCTAGTGTCCCCAAAGCATCGGGGGGCCACGCAAGTGTGGGTGTGTGAGTGTGCGTATG TGGGGACCCCAAGGCATGGTGGGGTCTGAGGCGTGTGTTCCCATTTAGGGCTGAATGA AGCCATGACTTGGAAAGTGGTGGGGGTGGATGGCGGCTGTGACTCAAGGCCAGGGAT CACATGGGGTCACTGCTGCCATCAGCAGTCAGGCAGGAGAGAACAGAAATGCAAAAATAC AGATGTGCTATTTTTCTAAACTGGGGGTGGAGGGGTGCCTCCTGACAGCTTCCAAAGA GCTGACTGTGGAGGGCCACAGTGTATCCACCCCTGCCCGAGAGTCTCTCTCTTTGGG ACCCCGGGTTCCAGAGCTCCGAGGAACTGATCCTTCATGTTTCAATAGCTGTTGTTG TTTTTCTCTTTGGCCGGGCCGGCCGGGAAGGGCCGAGCAGGCTCCAGGAGGCCTCCA GAGTCAGCTGGACCTTGCTGTGTCGCCCGCAGGCAGCCCTGCAGACCCGGTGAAGTGGG ATGATTTAGGAGGTCCAGCCCGGACTGCCCGCCCTGCCCCTGGGAACCAGTCCAA GGGGCTGTGAGTTGAATTTGCCTTTTTGTGTTGTTGTTGTTTGTGTTTATTTGTTT TCCTTTTAGGAATTATGAAGCTAANAAAGTTTTGTGTTTAGAGGGTTAGTANACAAAGTT CTAGCTGATTAATATGGTCTAACTATTGAATTTGTTTTCTTAAATGTGNACTGTGGA GAAAAACTATTTGAGCATTGGGGTAGGG
Restriction Sites:	Please inquire
ACCN:	BC010010
Insert Size:	1075 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:	<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:	BC010010.1 , AAH10010.1
RefSeq Size:	1075 bp
Locus ID:	8178
Cytogenetics:	19p13.11
Protein Families:	Transcription Factors

Gene Summary:

Elongation factor component of the super elongation complex (SEC), a complex required to increase the catalytic rate of RNA polymerase II transcription by suppressing transient pausing by the polymerase at multiple sites along the DNA. Elongation factor component of the little elongation complex (LEC), a complex required to regulate small nuclear RNA (snRNA) gene transcription by RNA polymerase II and III (PubMed:22195968, PubMed:23932780). Specifically required for stimulating the elongation step of RNA polymerase II- and III-dependent snRNA gene transcription (PubMed:23932780). ELL also plays an early role before its assembly into in the SEC complex by stabilizing RNA polymerase II recruitment/initiation and entry into the pause site. Required to stabilize the pre-initiation complex and early elongation.[UniProtKB/Swiss-Prot Function]