

Product datasheet for SC117679

BUD31 (NM_003910) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BUD31 (NM_003910) Human Untagged Clone
Tag:	Tag Free
Symbol:	BUD31
Synonyms:	Cwc14; EDG-2; EDG2; fSAP17; G10; YCR063W
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_003910 edited
 GAATTCGGCACGAGGCCTCGTGCCGAATTCGGCACGAGGGACCGTGGTCTGCACCGTCC
 TGGAGGGAGATATGAGTGGCTGGACTCTCAGCCAGCCACTGGGATGTGTTCTGGGCTTTGG
 ACCTTGAGGCCGGAGAGAGCTCCCGAGAGGAGGCGGCCACGTTTCGTTCTTCTGAGGGG
 ACGGTAGATTTGGGGTTTTCTCTAGGATTCTCGCGCGTTTTCTCTGAAGAAACAGGA
 CCAGAGAGGGAAGGTGACCTGAAAGTCACAGAATAATTTTTTAGAGCTGAACAAGAATCC
 AAGCCTGCAACTGCAGAGACGAGAGATCTTTCTGCTGTCTATACTCTGGAAAGCACATC
 CTAAGATCTTTCAGATTATCCTGTGGAAGGAAAATGCCTAAAGTCAAAAGAAGCCGGAA
 AGCACCCCGAGATGGCTGGGAGTTGATTGAGCCAACACTGGATGAATTAGATCAAAAGAT
 GAGAGAAGCTGAAACAGAACCGCATGAGGGAAAGAGGAAAGTGAATCTCTGTGGCCCAT
 CTTTCAGGATCCACCACCAGAAAACCCGCTACATCTTCGACCTCTTTTACAAGCGGAAAGC
 CATCAGCAGAGAACTCTATGAATATTGTATTAAGAAGGCTATGCAGACAAAAACCTGAT
 TGCAAAATGGA AAAAGCAAGGATATGAGAACTTGTGCTGCCTGCCGTGCATTTCAGACACG
 GGACACCAACTTCGGGACGAACTGCATCTGCCGCGTGCCAAAAGCAAGCTGGAAGTGGG
 CCGCATCATCGAGTGCACACACTGTGGCTGTCTGGCTGTCTGGCTGAGGCTGGCGCGC
 TCCACCTGGACTCTGGACTTCGCAGGTTCTGCCTGTACGCCACCCCTTCTCTGGGAG
 CAGCGAGCAGTGCCCGAGCCGAGTTGGAGCACGGTCTCTATGGGGAAGGCTTCGCTGT
 CTATCAGCTGTGATTTGTA AAAATAAAAATCTTTAAATCTCTCGAGAAAAAAAAAAAAAAAA
 AAAAAAAAAACTCGAC



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_003910 unedited</p> <pre>TTCACCATATTTGTAATACGACTTCACTATAGGGNCGGCCGCAATTCGGCACGAGGCC TCGTGCCGAATTCGGCACGAGGGACCGGTGGTCTGCACCGTCTGGAGGGAGATATGAGT GGCTGGACTCTCAGCCAGCCACTGGGATGTGTTTCGGGCTTTGGACCTTGAGGCCGAGAG AGCTCCCAGAGAGGAGCGGCCACGTTCTGTTCTCTGAGGGGACGGTAGATTTGGGGGT TTTCTCTAGGATTCTCGCGCCGTTTCTCTGAAGAAACAGGACCAGAGAGGGAAGTGA CCTGAAAGTCACAGAATAATTTTTTAGAGCTGAACAAGAATCCAAGCCTGCAACTGCAGA GACGAGAGATCTTCTGCTGTCTATACTCTTGGAAAGCACATCCTAAGATCTTTGCAGAT TATCTGTGGAAGGAAAATGCCTAAAGTCAAAGAAGCCGAAAGCACCCCCAGATGGCT GGGAGTTGATTGAGCCAACACTGGATGAATTAGATCAAAAGATGAGAGAAGCTGAAAACAG AACCGCATGAGGGAAAGAGGAAAGTGAATCTCTGTGGCCATCTTCAGGATCCACCACC AGAAAACCCGCTACATCTTCGACCTCTTTTACAAGCGAAAGCCCTCAGCAGAGAACTCT ATGAATATTGTATTAAGGAGGCTATGCCGACAAAACCTGATTGCAAAATGATAAAAGC CAGGATATGAGAACCTGTGCTGCCTTGCCTGCATTAGACCCCGACACCAACTTCTGGA CCAAGTGCATCTGCCGCGCCCAAGCAACCGGAAATGGGGCGCATCTCCGAGTGCCCA CCCTGCGCCTGTGCTGGCTGCTTTTGCCTGTAGCTGGCGCCCTCCCCCTGGACTCTGGA CTCCCAAGTCTGCTGCTGACCCCCCTCTTTCTGGC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_003910 unedited</p> <pre>GCTATGGACCGGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTCTC GAAAAATTAAGATTTTTATTTTACAAATCACAGCTGATAGACAGCGAAGCCTTCCCCAT AGAGACCGTGCTCCAACCTCGGCCCTGGGCACTGCTCGTGTCTCCAGGAAGGGGTGGC GTGACAGGCAGGAACCTGCGAAGTCCAAAGTCCAGGGTGGAGCGCCAGCCTCAGCCAG AGCAGCCACGACAGCCACAGTGTGTGACTCGATGATGCGGCCACTTCCAGTTGCTTT TGGGCACGCGGCAATGCAGTTCGTCGCCAAGTTGGTGTCCCGTGTCTGAATGCACCGCA GGCAGCACAAGTTCTCATATCCTTGCTTTTTCCATTTTGAATCAGGTTTTTGTCTGCAT AGCCTTCTTAATACAATATTCATAGAGTTCTCTGCTGATGGCTTTCCGCTTGTAAGA GGTCGAAGATGTAGCGGGTTTTCTGGTGGTGGATCCTGAAGATGGGCCACAGAGATTCCA CTTTCCTCTTCCCTCATGCGGTTCTGTTTCAGCTTCTCTCATCTTTGATCTAATTCAT CCAGTGTGGCTCAATCAACTCCCAGCCATCTGGGGTGTCTTCCGGCTCTTTTGACTT TAGGCATTTTCTTCCACAGGATAATCTGCAAAGATCTTAGGATGTGCTTCCAAGAGTA TAGACAGCAGAAAAGATCTCTGCTCTGCAAGTTCAGGCTTGGATTCTTGTTCAGCTCTA AAAATTATTCTGTGACTTTCAGGTCACCTTCTCTCTGCTGCTTTCTCAGAGGAAAC GGCAGCAGATCCTAGAGGAAACCCCAATCTACCGTCCCTCAAAGAACAACGTGCGCCGC CTCTCTCGGAGCTTCCGCTCAGGTCAAAGCCGACACTCCATGCTGCTGAAGTCANCT CATCTCTCCAGAGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_003910
Insert Size:	950 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:	NM_003910.2 , NP_003901.2
RefSeq Size:	1049 bp
RefSeq ORF:	435 bp
Locus ID:	8896
UniProt ID:	P41223
Cytogenetics:	7q22.1
Domains:	G10
Protein Families:	Transcription Factors
Protein Pathways:	Spliceosome
Gene Summary:	Involved in the pre-mRNA splicing process (PubMed:28502770, PubMed:28076346). May play a role as regulator of AR transcriptional activity; may increase AR transcriptional activity (PubMed:25091737).[UniProtKB/Swiss-Prot Function]