

Product datasheet for **SC103947**

BUD13 (NM_032725) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BUD13 (NM_032725) Human Untagged Clone
Tag:	Tag Free
Symbol:	BUD13
Synonyms:	Cwc26; fSAP71
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_032725, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCAGCTCCGCCGCTTTCCAAGGCCGAGTATCTGAAGCGTTACTTGTCCGGGGCAGATGCCGGCG
TCGACCGGGGATCTGAGTCCGGTCGCAAGCGTCGCAAAAAGCGGCCGAAGCCTGGCGGGGCCGGCGGCAA
GGGAATCGGATTGTGGATGATGATGTGAGCTGGACAGCTATCTCCACAACCAAACTAGAAAAGGAGGAA
GAGGAAGATGATGGAGATTTGCCTGTGGTGCCAGAGTTTGTGGATGAGCGGCCAGAAGAGGTAAAGCAGA
TGGAGGCCTTTCGTTCCAGTGCCAAATGGAAGCTTCTGGGAGGCCACAACGAAGACCTACCTCAAACAG
ACATTTTCGTACGATACCCCGGATTCTCTCCTAGGAGGGTCCGTATGGTACCCAGATCCATCTCCT
AGGAAGGACCGTCATGACACCCCGGATCCATCTCCTAGGAGGGCCCGTCATGACACCCCGGATCCTTCTC
CCCTCAGAGGGGCTCGTCATGACTCAGACACATCTCTCCAGGAGGATCCGTATGACTCCTCAGACAC
TTCACCCCAAGGAGGGCCCGTCATGATTCTCCAGATCCTTCTCCCCAAGGAGGCCTCAGCATAATTCT
TCAGGTGCATCTCCTAGGAGAGTCCGTATGATTACCCAGATCCCTCTCCTCCTAGGCGAGCCCGTCATG
GTTCTCAGATATCTTCTCCCCAGAAGGTCCATAACAACTCCCTGACACATCTAGGAGGACTCTTGG
CTCTTCAGACACACAGCAACTCAGAAGGGCCCGTCATGACTCCCTGATTGGCTCCTAATGTCACTTAT
TCCCTGCCAGAACCAAAAGTGGTAAAGCCCCAGAAAGAGCCTCTAGCAAGACTTCTCCACATTGGAAGG
AGTCAGGAGCCTCCCATTTGTCAATCCCAAGAACAGCAATATGAGTATGACCTGACATCTCTCCTCC
ACGAAAAAGCAAGCAAAATCCCATTTTGGAGACAAGAAGCAGCTTGATTCCAAAGGTGACTGCCAGAAA
GCAACTGATTAGACCTTTCTTCTCCACGGCATAAACAAGTCCAGGGCACCAGGATTCTGATTAGATC
TGTCACCTCCACGAATAGACCTAGACACCGGAGCTCTGATTCTGACCTCTCTCCACCAAGGAGGAGACA
GAGGACCAAACTCTTGATTCTGACCTGTCCCCGCCTCGAAGGAGTCAGCCTCCTGGAAGAAGGCTGCA
CACATGTATTCTGGGGCTAAACTGGGTGGTGAAGTGAACGACATACAGCGAGAACAGCAGGAGCTCAAGG
AACAGGATCAAGAAACCATGGCATTGGAAGCTGAATTTCAATATGCTGAAACCGTATTTTCGAGATAAGTC
TGGTCGTAAAGAGGAATTTGAAACTCGAACGTTTAGAGCAAGGAGGAAAGCAGAAAGGACTCAGAGAGA
GATGAGCTGTATGCCAGTGGGGAAGGGCTTGCCAGAGCCGCAACAGCAACAAATGTGGAGGATG
CAATGAAAGAGATGCAAAAGCCTCTGGCCCGCTATATTGATGACGAAGATCTGGATAGGATGCTAAGAGA
ACAGGAAAGAGAGGGGGACCTATGGCCAACTTCATCAAGAAGAATAAGGCCAAGGAGAACAAGAATAAA
AAAGTGAGACCTCGCTACAGTGGTCCAGCACCTCTCCCAACAGATTTAATATCTGGCCTGGATATCGCT
GGGACGGAGTGGACAGATCCAATGGATTGAACAGAAGCGCTTGGCAGGCTTGCCAGCAAGAAGGCAGT
GGAGGAACCTGCCTACAAATGGAGTGTGAGGATATGTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032725 unedited

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NATTTTTGGTATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCCGTCTCTCT
GCCCCCGCCGCTGCCATGGCGGCAGCTCCGCCGCTTTCCAAGGCCGAGTATCTGAAGCGT
TACTTGTCCGGGGCAGATGCCGGCGTCGACCGGGGATCTGAGTCCGGTCGCAAGCGTCGC
AAAAAGCGGCCGAAGCCTGGCGGGGCCGCGGCAAGGGAATGCGGATTGTGGATGATGAT
GTGAGCTGGACAGCTATCTCCACAACCAAACTAGAAAAGGAGGAAGAGGAAGATGATGGA
GATTTGCCTGTGGTGGCAGAGTTTGTGGATGAGCGGCCAGAAGAGGTAAAGCAGATGGAG
GCCTTTTCGTTCCAGTGCCAAATGGAAGCTTCTGGGAGGCCACAACGAAGACCTACCTCA
AACAGACATTTTCGTACGATACCCCGGATTCTCTCCTAGGAGGGTCCGTATGGTACC
CCAGATCCATCTCCTAGGAAGGACCGTCATGACACCCCGGATCCATCTCCTAGGAGGGCC
CGTCATGACACCCCGGATCCTTCTCCCTCAGAGGGGCTCGTCATGACTCAGACACATCT
CCTCCCAGGAGGATCCGTATGACTCCTCAGACACTTCACCCCAAGGAGGGCCCGTCAT
GATTCTCCAGATCCTTCTCCCCAAGGAGGCCTCAGCATAATTCTTCAGGTGCATCTCCT
AGGAGAGTCCGTATGATTACCCAGATCCCTCTCCTCCTANGCGAGCCCGTCATGGTTCC
TCAGATATCTTCTCCCAGAANGTNCATACAACCTNNCCTGACACATCTAGGAGGACTC
TTGGCTCTTCAGAACACAGCAACTCAGAAGGGCCCGTCATGACTNNCCCTGATTGGCTNC
TAATGTCACTTATTNCCCTGCCAGAACCAAGTGGGTAACGCCCCAGAAGAGCTCTAGCA
GACTTNCTCACATGGAAGGAGTCAGAGCCTCCATTTGTCAATCCAGAAA
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032725 unedited <pre> TCTATGGCCCGGCGGCCCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTAA AAAAAAAAATACATGTTTATTTAAAAAGAAAAAGAAAAACCTACCAAGAACAAACCTG GTCAATGAGAAATCAATGCTTCTCTGAAAGCCAGCAACAGCCGGTGCTGCACACCCAA GAAGTACAGGTACCTCAGTCCAAACATCAGGTCTCGAATATTCTCTGTGGTCAAACTG GCATTCAACAAGTTGCTGGTCTGTGTGGGCTCCAATTATTAGCACAGACAACCTGTTACCA CTGGATATCTCGCTGCCTATGCCCACTACCACAGCCAGCCACCCACAGCCTCAGGAA AGTTACATATCCTCAACACTCCATTTGTAGGCAAGTTCCCTCCACTGCCTTCTTGCTGGCA AGCCTGGCAAAGCGCTTCTGTTCAAATCCATTGGATCTGTCCACTCCGTCACGCGATAT CCAGGCCAGATATTAAATCTGTTGGGAGGAGGTGCTGGACCACTGTAGCGAGGTCTCACT TTTTTATTCTTGTCTCCTTGGCCTTATTCTTCTTGATGAAGTTGGCCATAGGGTCCCCC TCTCTTTCCTGTTCTCTTAGCATCCTATCCAGATCTTCGTCATCAATATAGCGGGCCAGA GGCTTTTGCATCTCTTTCATTGCATCCTCCACATTTTGTGCTGTTGCCGGCTCTGGGCA AGCCCTTTTCCCACTGGGCATACAGCTCATCTCTCTGAGNCCTTTTCTGCTTTCCTCC TTTGCTCTAAACGNTCGAGTTTCAAATTTCTCTTACGACCAGACTTTATCTCGAATACGG GTTTCAGCATATTGAATCAGCTTAATGCCATGGTTTCTTGATCCTGGTCTTGAGCTCC GCTGGTCTCGCTGAATGTCAGNTAACACCAACCCAGTTTTAGCCCCAGAAACATGTGTGC AGCCTCCTCCAGAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032725
Insert Size:	2210 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:	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:	<u>NM_032725.2, NP_116114.1</u>
RefSeq Size:	2216 bp
RefSeq ORF:	1860 bp
Locus ID:	84811
UniProt ID:	<u>Q9BRD0</u>
Cytogenetics:	11q23.3

Gene Summary:

Involved in pre-mRNA splicing as component of the activated spliceosome.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).