

Product datasheet for **RN215032**

Bud13 (NM_001025277) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bud13 (NM_001025277) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bud13
Synonyms:	RGD1308076
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215032 representing NM_001025277
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGCAGCTCCGCCGCTCTCCAAGGCTGAGTATCTGAAGCGTTACTTGTCTGGACAGATGCTGGCT
 TGAAGGAGGTCCAGAGTCCGGTCGCAAGCGGCGCAAAAAACGGCCGAAGCCGGGAGGCGCTGGCGGCAA
 GGAATGCGGATCGTTGATGATGTGGGCTGGCGGCTATCTCTACCGATAAGCTAGAAAAGGAGGAG
 GAGGAGGATGGAGATTTGCCTGTGGTGGCCGAGTTTGTGGATGAGCGTCCAGAAGAGGTAAGCAGATGG
 AGGCCTTCGCTCCAGTACCAAGTGAAGCTTCTGGGAGGCTACAGTGAAGATGGACATTTTCATAATGA
 TGACCAAGATCCATCTCTCCAGGAAGGCCGTCATGATACCCAGATGCATCTCTCCAGGAGGGTCC
 CGTCATGGCACCCCGAGCCATCTCCCCAAGGAGGGTCCGCCATGACACCCGGATCCTTCTCCCCAA
 GGAGGGTCCGCCATGACAGCCCGGATCCATCTCCACAAGGAGGGGCCATGACAGCCCGGATCCATCTCC
 CACAAGGAGGGTCCACCATGACAGCCCGGATCCATCTCCCCAAGGAGGGTCCGCCATGATACCCAGAT
 CCATCTCCCCAAGGAGGGTCCGCCATGACACCCGGATCCTTCTCCCCAAGGAGGGTCCGCCATGACT
 CAGATGCTTCTCCCCCAGGAGGTCTCATCGTAATTCTTCAGCTGTATCTCCTAAGAGAGGCCATCATGG
 TTCCTCAGGCACCTCATCCCCAAGACAGGCCATAACCACTCCCTGCTGCAGCCAGCATAGAAGGACT
 CTTGACTCTTCTGGTGGCAGCACCACAGGAGGGCCGTCACGATTCCCCTGATTGGAACTGCCTAAAG
 CCAAGAGTAGCAAAGTGCAGAAAGACCTCTAGCAAGACAGTATCCAGAGTGGGCTAGGACCCCCACA
 CCCATCACTCTCCATGAACAGCAAGTACGAGCATGACTCTGACCTTTCTCTCCACGAAACGGCAAGCA
 AAGGCCATTTTGGAGCCAAGAAGCAGCTTGACTCTAAAGGTGTCTGCCAAAAGCATCTGATTGAGATC
 TTTCTCTCCACGAAAAACAGTAAGTCAGGGCACCAGGATTCTGATTGAGATCTGTACCACCACGGAA
 TAGACCAAGACGCCAAAGCTCTGACTCTGACCTCTCTCCACCACGAGAAGACAGAGGACCAATCTTCC
 GACTCTGACCTCTCTCCATCTCGAAGGAGTCCCGTCTGGGAAGAAGACTCCACACATGTATTCCGGAG
 CAAAACTGGGTGGTCGCCGATGTTTCAGCGGGAGCATCAGGAGCTCAAGAAACAGGACCAAGACGCCAC
 CGACCTCGGAGCTCAGTTTGAATCACTGAAACTGTATTTGAGACAAGTCTGGTCGGAAGAGGAATTTG
 AAGCTGGAGCGCTTGAACAGAGGAGAAAAGCAGAGAAAGACTCAGAGCGAGATGAGCTGTATGCTCAGT
 GGGGAAAGGGCTTCCCAGAGCCGGCAGCAGCAACAGAATGTAGAAGACGCAATGAAGGAGATGCAGAA
 ACCTCTGGCTCGCTACATAGATGATGAAGATCTAGATCGGATGCTGAGAGAGCAAGAAAGAGAAGGGGAC
 CCGATGGCCAACCTCATTAAAGAAGAATAAGCTAAGGAGAACAAGAATAAGAAAGTGAGGCCTCGCTACA
 ATGGTCTGCTCTCTCCCAATAGATTCAACATTTGGCCGGGGTATCGCTGGGATGGAGTGGACAGATC
 CAATGGCTTTGAACAGAAGCGCTTTGCCAGGCTTGCCAGCAAGAAAGCTGTGGAGGAGCTTGCTACAAG
 TGGAGTGTGAGGACAT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001025277

Insert Size: 1911 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_001025277.1, NP_001020448.1</u>
RefSeq Size:	2207 bp
RefSeq ORF:	1911 bp
Locus ID:	300687
UniProt ID:	<u>Q4QQU1</u>
Cytogenetics:	8q22-q23
Gene Summary:	Involved in pre-mRNA splicing as component of the activated spliceosome.[UniProtKB/Swiss-Prot Function]