

Product datasheet for **RN211084**

Bud31 (NM_053556) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bud31 (NM_053556) Rat Untagged Clone
Tag: Tag Free
Symbol: Bud31
Synonyms: Edg2; G10; LPA1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211084 representing NM_053556
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCAAAGTCAAAGAAGCCGAAAGCACCTCCAGATGGCTGGGAGCTGATCGAGCCAACGTTGGATG
AACTAGATCAAAGATGAGAGAAGCTGAAACTGAACCCCATGAGGGGAAGAGGAAGTGGAGTCTCTGTG
GCCCATCTTCAGGATCCATCACCAGAAAACCCGCTACATCTTCGACCTCTTTACAAGAGGAAAGCCATA
AGCAGAGAACTCTATGAATACTGCATTAAGAAGGCTATGCAGACAAAAACCTGATTGCGAAGTGAAGA
AGCAGGGCTATGAGAATCTATGCTGTCTACGCTGCATCCAGACTCGAGACCAACTTCGGCACCAACTG
CATTTGCCGGGTTCCAAGAGCAAGCTGGAAGTGGGTCGCATCATCGATTGCACGCACTGTGGTGCCGG
GGTTGGTCTGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_053556
Insert Size: 435 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).



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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:	<u>NM_053556.1</u> , <u>NP_446008.1</u>
RefSeq Size:	816 bp
RefSeq ORF:	435 bp
Locus ID:	89819
UniProt ID:	<u>O70454</u>
Cytogenetics:	12p11
Gene Summary:	human homolog may regulate transcription and other nuclear functions [RGD, Feb 2006]