

Product datasheet for **MC205162**

Bud31 (NM_001008705) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bud31 (NM_001008705) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bud31
Synonyms:	C77604; EDG-2; EDG2; G10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC057025 GAAGCCGTCAATAAAGAAGCAGCGGCCCTTAGTGCTTGAGTTCCGATGAGACAGAAGACTGCAGAAGAA AAGTGATCTCCCCAGAGTCACAGAATAGTTGGTAAATCTGGACAAGAACACAGCTTTGTAAGTGAAG ACCAAGAATTTTTTATATTACTCTCAATACCCAAAGATCTTTATAAGCTATCTTGCTGGGAAATGCC AAGGTCAAAGAAGCCGAAAGCACCTCCAGATGGCTGGGAGTTGATTGAACCAAGCTTGGATGAAGTAG ATCAAAGATGAGAGAAGAACTCTATGAATACTGCATTAAGAAGGCTATGCAGACAAAAACCTGATTGC AAAGTGGAAGAAGCAGGGCTATGAGAACCTATGCTGCCTACGCTGCATTGACTCGGGACACCAACTTT GGCACCAACTGCATTTGCCGGGTTCCCAAAAGCAAGCTGGAAGTGGGTCGCATCATCGAGTGCACACT GTGGCTGCCGGGTTGCTCTGGCTGACACCCTTGACTCCTCTGCATCCTGGTCTTTGGACCTTGACTTA AGACTTATTGGGCACTGCCTGAAGCAACTCTTCTCAGAGTGGTGCCTCAGAGAAAAGACCCAGGGGGGA AGCATGAGCTGTACAGGTGACGACTTTAGTGTTACCAGCTGAGATCTGTAAAAATAAAACCTTTAGACC TCCTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	Ascl-NotI
ACCN:	NM_001008705
Insert Size:	312 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).



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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: [BC057025](#), [AAH57025](#)

RefSeq Size: 735 bp

RefSeq ORF: 312 bp

Locus ID: 231889

UniProt ID: [Q6PGH1](#)

Cytogenetics: 5 G2

Gene Summary: Involved in the pre-mRNA splicing process. May play a role as regulator of AR transcriptional activity; may increase AR transcriptional activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR and lacks an in-frame exon compared to variant 1. The encoded isoform (2) is shorter than isoform 1.