

Product datasheet for **RN200235**

Becn1 (NM_053739) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Becn1 (NM_053739) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Becn1
Synonyms:	Beclin1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN200235 representing NM_053739
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGGTCTAAGGCGTCCAGCAGCACCATGCAGGTGAGCTTCGTGTGCCAGCGCTGTAGCCAGCCTC
 TGAAACTGGACACGAGCTTCAAGATCCTGGACCGAGTGACCATTAGGAACTCACAGCTCCATTACTTAC
 CACAGCCAGGCGAAACCAGGAGAGAGCCAGGAGGAAGAGGCTAACTCAGGAGAGGAGCCATTTATTGAA
 ACTCGCCAGGATGGTGTCTCTCGAAGATTCATCCCCCAGCCAGGATGATGTCTACAGAAAAGTGCTAATA
 GCTTCACTCTGATCGGGGAGGCATCTGATGGTGGCACCATGGAGAACCTCAGCCGGAGACTCAAGGTCAC
 TGGAGACCTTTTTGACATCATGTCTGGCCAGACAGATGTGGATCACCCACTGTGTGAGGAATGCACAGAT
 ACTCTTTTAGACCAGCTGGACACTCAGCTCAATGTTACTGAAAACGAGTGCAGAACTACAAACGCTGTT
 TGGAGATGTTGGAGCAAATGAATGAGGGCGACAGTGAACAGCTACAGAGGGAGCTGAAGGAGTTGGCCTT
 GGAGGAGGAGAGGCTGATCCAGGAGCTGGAAGATGTGGAAAAAACCCGAAAGGTGGTGGCAGAAAACCTG
 GAGAAGGTCCAGGCTGAGGCGGAGAGACTGGACCAGGAGGAAGCTCAGTACCAGCGAGAATATAGTGAAT
 TTTAAAAGGCAGCAGCTGGAGCTGGATGATGAGCTCAAGAGTGTAGAGAACCAGATGCGCTATGCCAGAT
 GCAGCTGGACAAGCTCAAGAAAACCAATGTCTTCAATGCGACCTTCCATATCTGGCACAGCGGACAATTT
 GGCACGATCAATAATTTAGACTGGGTCGCTTGCCAGTGCTCCTGTGGAATGGAATGAAATCAATGCTG
 CCTGGGGCCAGACAGTGTGTTGCTCCATGCTTTGGCCAATAAGATGGGTCTGAAATTTAGAGGTACCG
 ACTTGTCCCTATGGAATCACTCGTATCTGGAGTCCCTGACAGACAAATCTAAGGAGTTGCCGTTGTAC
 TGTCTGGGGGTTTTCGGTTTTTCTGGGACAACAAGTTTGACCATGCAATGGTAGCTTTTCTGGACTGTG
 TGCAGCAGTTCAAAGAAGAGGTGAAAAAGGAGAGACTCGATTTTGTCTCCGTACAGGATGGACGTGGA
 GAAAGGCAAGATTGAAGACACTGGAGGAGTGGCGGCTCCTATTCCATCAAAACCCAGTTTAACTCTGAG
 GAGCAGTGGACAAAGGCGCTCAAGTTCATGCTGACGAATCTCAAGTGGGGTCTTGCTGGGTGCTCTCAC
 AGTTCTATAACAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053739
- Insert Size:** 1347 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: [NM_053739.2, NP_446191.1](#)
RefSeq Size: 2140 bp
RefSeq ORF: 1347 bp
Locus ID: 114558
UniProt ID: [Q91XJ1](#)
Cytogenetics: 10q31
Gene Summary: mouse homolog is a haploinsufficient tumor suppressor gene; plays a role in early embryonic development [RGD, Feb 2006]