

Product datasheet for **SC208275**

Beclin 1 (BECN1) (NM_003766) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Beclin 1 (BECN1) (NM_003766) Human 3' UTR Clone
Symbol:	Beclin 1
Synonyms:	ATG6; beclin1; VPS30
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003766
Insert Size:	661 bp
Insert Sequence:	>SC208275 3' UTR clone of NM_003766 The sequence shown below is from the reference sequence of NM_003766. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TTGCTTGGGTGTCCTCACAATTTTATAACAAATGACTTTTTTCCTTAGGGGGAGGTTTGCCTTAAAGGCT
TTTAATTTTGTGTTTGTGCAAAACATGTTTTAAATTAATTCGGGTAATATTAACAGTACATGTTTACA
ATACAAAAAAGAAAAATCCACAAAAGCCACTTTATTTTAAATATCATGTGACAGATACTTCCAGAG
CTACAACATGCCATCTATAGTTGCCAGCCCTGGTCAGTTTTGATTCTTAACCCCATGGACTCCTTTCCCT
TTCTTCTCTGAAAAAACTAATTTAAATTTGCTTTTCTTTTTTAACTGAGTTGAATTGAGATTGATGT
GTTTTCACTGGATTTTTATCTCTCTCAACTTCCTGCACCTAACAATATGAAATAGAACTTTTGTCTTTA
CTGAGATGAGGATATGTTTGAGATGCACAGTTGGATAATGTGGGAAAAATGACATCTAAGCTTTACCTGGT
CACCATGTGATGTGATCAGATGCTTGAATTTAACACTTTTCACTTGGTTCTTATACTGAATGCCGACTC
TGCTCTGTGTTAGAGATATGAAATGGTGTGATACTGTTTGAGACATTATGGAGAGATTTAATTATTTG
TAATAAAAGATTTGCTGCAGTCTGAAAACTG

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003766.3</u>
Summary:	This gene encodes a protein that regulates autophagy, a catabolic process of degradation induced by starvation. The encoded protein is a component of the phosphatidylinositol-3-kinase (PI3K) complex which mediates vesicle-trafficking processes. This protein is thought to play a role in multiple cellular processes, including tumorigenesis, neurodegeneration and apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]
Locus ID:	8678