

Product datasheet for **SC336082**

BECN2 (NM_001290693) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BECN2 (NM_001290693) Human Untagged Clone
Tag:	Tag Free
Symbol:	BECN2
Synonyms:	BECN1L1; BECN1P1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC336082 representing NM_001290693. Blue=Insert sequence Red=Cloning site Green=Tag(s)

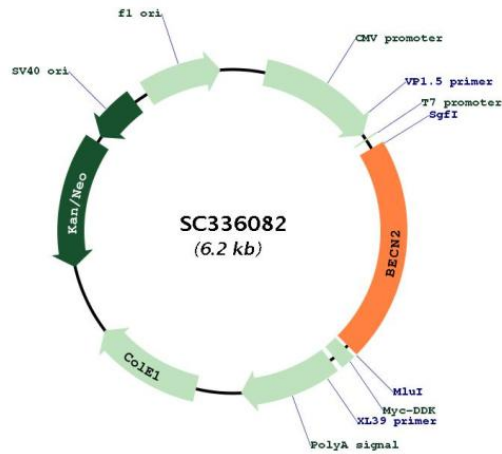
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Restriction Sites: Sgfl-MluI

Plasmid Map:



ACCN: NM_001290693

Insert Size: 1296 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_001290693.1](#)

RefSeq Size: 1296 bp

RefSeq ORF: 1296 bp

Locus ID: 441925

UniProt ID: [A8MW95](#)

Cytogenetics: 1q43

Protein Pathways: Regulation of autophagy

MW: 48.2 kDa

Gene Summary: Involved in 2 distinct lysosomal degradation pathways: acts as a regulator of autophagy and as a regulator of G-protein coupled receptors turnover. Regulates degradation in lysosomes of a variety of G-protein coupled receptors via its interaction with GPRASP1/GASP1.
[UniProtKB/Swiss-Prot Function]