

Recombinant Human BECN1 protein, His/MBP-tagged

Cat. No. BECN1-294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BECN1(342-428 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	342-428 aa
Description	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.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name [BECN1 beclin 1, autophagy related \[Homo sapiens \]](#)

Official Symbol [BECN1](#)

Synonyms

BECN1; beclin 1, autophagy related; beclin 1 (coiled coil, moesin like BCL2 interacting protein); beclin-1; ATG6; ATG6 autophagy related 6 homolog (S. cerevisiae); VPS30; ATG6 autophagy related 6 homolog; coiled-coil myosin-like BCL2-interacting protein; beclin 1 (coiled-coil, moesin-like BCL2 interacting protein); beclin 1 (coiled-coil, moesin-like BCL2-interacting protein); beclin1;

Gene ID [8678](#)

mRNA Refseq [NM_003766](#)

Protein Refseq [NP_003757](#)

MIM [604378](#)

UniProt ID [Q14457](#)

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