

Beclin-1 (Becn1) Recombinant Protein | Becn1 recombinant protein

Recombinant Mouse Beclin-1 (Becn1)

CATALOG # AAA114847	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

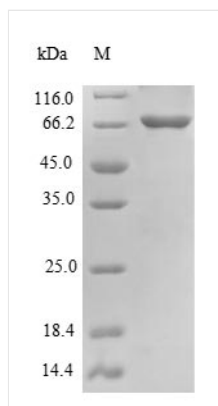
PRODUCT SYNONYMS

Beclin-1 (Becn1); Recombinant Mouse Beclin-1 (Becn1); Beclin-1; Coiled-coil myosin-like BCL2-interacting protein; Becn1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-448. Full Length
Sequence	MEGSKASSST MQVSFVCQRC SQPLKLDTSF KILDRVTIQE LTAPLLTTAQ AKPGETQEEE ANSGEEPFIET TRQDGVSRRF IPPARMMSTE SANSFTLIGE ASDGGTMENL SRRLKVTGDL FDIMSGQTDV DHPLCEECD TLLDQLDTQL NVTENECQNY KRCLEILEQM NEDDSEQLQR ELKELALEEE RLIQELEDVE KNRKVVAENL EKVQAEAEERL DQEEAQYQRE YSEFKRQQLE LDDELKSVEN QVRYAQIQLD KLKKTNVFNA TFHIWHSQGF GTINNFRLLGR LPSVPVEWNE INAAWGQTVL LLHALANKMG LKFQRYRLVP YGNHSYLESL TDKSKELPLY CSGGLRFFWD NKFDHAMVAF LDCVQQFKEE VEKGETRFCL PYRMDVEKGK IEDTGGSGGS YSIKTQFNSE EQWTKALKFM LTNLKWGLAW VSSQFYNK
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Becn1 recombinant protein	Plays a central role in autophagy (PubMed:10604474, PubMed:12372286, PubMed:19270693). Acts as core subunit of different PI3K complex forms that mediate formation of phosphatidylinositol 3-phosphate and are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis (PubMed:19270693, PubMed:25275521). Involved in regulation of degradative endocytic trafficking and required for the abscission step in cytokinesis, probably in the context of PI3KC3-C2 (By similarity). Essential for the formation of PI3KC3-C2 but not PI3KC3-C1 PI3K complex forms (PubMed:25275521). Involved in endocytosis including endosome formation in neuronal cells (PubMed:25275521). May play a role in antiviral host defense (By similarity).
Product Categories/Family for Becn1 recombinant protein	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	27764875
NCBI GeneID	56208
NCBI Accession #	NP_062530.2
NCBI GenBank Nucleotide #	NM_019584.3
UniProt Accession #	O88597; Q99J03
Molecular Weight	67.6 kDa
NCBI Official Full Name	beclin-1
NCBI Official Synonym Full Names	beclin 1, autophagy related
NCBI Official Symbol	Becn1
NCBI Official Synonym Symbols	Atg6; 4921513J16Rik; 5430417M23Rik
NCBI Protein Information	beclin-1; Bcl-2-interacting protein beclin; coiled-coil myosin-like BCL2-interacting protein; coiled-coil, myosin-like BCL2-interacting protein
UniProt Protein Name	Beclin-1
UniProt Gene Name	Becn1
UniProt Entry Name	BECN1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/becn1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114847>