

32-3323: BECN1 Recombinant Protein

Alternative Name : ATG6, beclin1, VPS30, Coiled-coil myosin-like BCL2-interacting protein, Beclin-1, GT197.

Description

Source : Escherichia Coli. BECN1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 470 amino acids (1-450 a.a) and having a molecular mass of 54.1kDa. BECN1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. BECN1, Beclin-1 and autophagy-related gene (Atg) 6, is a member of the beclin family. BECN1 has a key role in autophagy and antiviral host defense. Beclin-1 and its binding partner class III phosphoinositide 3-kinase (PI3K), also named Vps34, are vital for the initiation of the formation of the autophagosome in autophagy. Also it is required for the abscission step of cytokinesis.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	BECN1 protein solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.5), 0.1M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSSLVPRGSH MEGSKTSNNS TMQVSFVCQR CSQPLKLDTS FKILDRVTIQ ELTAPLLTTA QAKPGETQEE ETNSGEEPF IETPRQDGVSR RFIPPARMMS TESANSFTLI GEASDGGTME NLSRRLKVTG DLFDIMSGQT DVDHPLCEEC TDLLDQLDT QLNVTENECQ NYKRCLEILE QMNEDDSEQL QMELKELALE EERLIQELED VEKNRKIVAE NLEKVQAEAE RLDQEEAQYQ REYSEFKRQQ LELDDELKSV ENQMRYAQTQ LDKLKKTNVF NATFHIWHSG QFGTINNFRL GRLPSVPVEW NEINAAWGQT VLLLHALANK MGLKFQRYRL VPGNHSYLE SLTDKSKELP LYCSGGLRFF WDNKFDHAMV AFLDCVQQFK EEEVKGETRF CLPYRMDVEK GKIEDTGGSG GSYSIKTQFN SEEQWTKALK FMLTNLKWGL AWWSSQFYNK.

