

Beclin 1, Autophagy Related Human Recombinant

Item Number	rAP-3866
Synonyms	ATG6, beclin1, VPS30, Coiled-coil myosin-like BCL2-interacting protein, Beclin-1, GT197.
Description	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.
Uniprot Accession Number	Q14457
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MEGSKTSNNS TMQVSFVCQR CSQPLKLDTS FKILDRVTIQ ELTA- PLTTA QAKPGETQEE ETNSGEEPFI ETPRQDGVSR RFIPPARMMS TESANSFTLI GEASDGGTME NLSRRLKVTG DLFDIMSGQT DVDHPLCEEC TDTLLDQLDT QLNVTENECQ NYKRCLEILE QMNEDDSEQL QMELKELALE EERLIQELED VEKNRKIVAE NLEKVQAEAE RLDQEEAQYQ REY- SEFKRQQ LELDDELKSV ENQMRYAQTQ LDKLKKTNVF NATFHIWHSG QFGTINNFR LGR LPSVPVEW NEINAAWGQT VLLHALANK MGLKFQRYRL VPYGNHSTYLE SLTDKSKELP LYCSGGLRFF WDNKFD-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	BECN1 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.5), 0.1M NaCl, 10% glycerol and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**