www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

BECN1 Human

Catalog #:PRPS-1296

For research use only.

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.

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

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MEGSKTSNNS TMQVSFVCQR CSQPLKLDTS FKILDRVTIQ ELTAPLLTTA QAKPGETQEE ETNSGEEPFI ETPRQDGVSR RFIPPARMMS TESANSFTLI GEASDGGTME NLSRRLKVTG DLFDIMSGQT DVDHPLCEEC TDTLLDQLDT QLNVTENECQ NYKRCLEILE QMNEDDSEQL QMELKELALE EERLIQELED VEKNRKIVAE NL

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
BECN1 protein solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.5), 0.1M NaCl, 10% glycerol and 1mM DTT.

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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 autophagasome in autophagy. Also it is required for the abscission step of cytokinesis.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE