



# Recombinant Rat Beclin-1 (Becn1)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-MP849672RA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Abbreviation</b>      | Becn1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                         |
| <b>Uniprot No.</b>       | Q91XJ1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Sequence</b>          | MEGSKASSST MQVSFVCQRC SQPLKLDTSF KILDRVITIQE LTAPLLTTAQ<br>AKPGESQEEE ANSGEEPFIE TRQDGVSRRF IPPARMMSTE SANSFTLIGE<br>ASDGGTMENL SRRLKVTGDL FDISMSGQTDV DHPLCEECDT TLLDQLDTQL<br>NVTENECQNY KRCLEMLEQM NEGDSEQLQR ELKELALEEE RLIQELEDVE<br>KNRKVVAENL EKVQAEAERL DQEEAQYQRE YSEFKRQQLE LDDELKSVEN<br>QMRYAQMQLD KLKKTNVFNA TFHIWHSGQF GTINNFRLLGR LPSAPVEWNE<br>INAAWGQTVL LLHALANKMG LKFQRYRLVP YGNHSYLESI TDKSKELPLY<br>CSGGLRFFWD NKFDHAMVAF LDCVQQFKEE VEKGETRFCL<br>PYRMDVEKGK IEDTGGSGGS YSIKTQFNSE EQWTKALKFM LTNLKWGLAW<br>VSSQFYNK |
| <b>Source</b>            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Target Names</b>      | Becn1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Names</b>     | Recommended name: Beclin-1 Alternative name(s): Coiled-coil myosin-like BCL2-interacting protein Protein GT197                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Expression Region</b> | 1-448                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Protein Length</b>    | full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                         |