

## Product datasheet

# Recombinant Human Cellubrevin protein ab117180

### Overview

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|-----------------------|---------------------------------------|
| <b>Product name</b>   | Recombinant Human Cellubrevin protein |
| <b>Protein length</b> | Protein fragment                      |

### Description

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|---------------|------------------|
| <b>Nature</b> | Recombinant      |
| <b>Source</b> | Escherichia coli |

### Amino Acid Sequence

|  |  |
|--|--|
| <b>Accession</b>                       | <a href="#">Q15836</a>   |
| <b>Species</b>                         | Human  |
| <b>Sequence</b>                        | MSTGPTAATG SNRRLQQTQN QVDEVVDIMR<br>VNVDKVLERD QKLSELDDRA DALQAGASQF<br>ETSAAKLKRK YWWKNCK   |
| <b>Molecular weight</b>                | 9 kDa  |
| <b>Amino acids</b>                     | 1 to 77  |
| <b>Additional sequence information</b> | VAMP3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 77 amino acids and having a molecular mass of 8.7 kDa. |

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab117180** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                         |   |
|-------------------------|---|
| <b>Applications</b>     | SDS-PAGE<br>HPLC  |
| <b>Purity</b>           | > 95 % SDS-PAGE.<br>Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE.   |
| <b>Form</b>             | Liquid  |
| <b>Additional notes</b> | ab117180 although stable 4°C for 4 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |

### Preparation and Storage

**Stability and Storage** Shipped at 4°C. Please see notes section.  
pH: 7.50  
Constituents: 0.24% Tris, 10% Glycerol

### General Info

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**Function** SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.

**Sequence similarities** Belongs to the synaptobrevin family.  
Contains 1 v-SNARE coiled-coil homology domain.

**Post-translational modifications** Phosphorylated upon DNA damage, probably by ATM or ATR.

**Cellular localization** Membrane. Cell junction > synapse > synaptosome.

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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