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## Product Data Sheet

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Product Name: Amyloid  $\beta$ -Protein (17-42)

Cat. No.: GA24069

### Chemical Properties

Cas. No. 155178-13-5

Formula M.Wt 2577.08

Solubility Storage < -15°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Cleavage of APP by alpha- and gamma secretase (i.e. the non-amyloidogenic pathway) yields p3 peptide, a mix of A $\beta$  17-40 and A $\beta$  17-42. A $\beta$  17-42 contains the two hydrophobic patches (L17-A21 and A30-A42) and the turn region (E22-G29) that are crucial for determining aggregation and toxicity and form the strand-loop-strand conformation in fibrils.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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