



Protocol for Re-Suspension of Amyloid Beta Peptide 1-42 (HFIP treated)

StressMarq catalog # [SPR-485](#)

Dried A β 1-42 peptide has been pre-treated with hexafluoroisopropanol (HFIP) to disrupt any fibrils formed after peptide synthesis. StressMarq recommends re-suspended peptide is kept on ice and used immediately to avoid aggregation. While several methods of monomer resuspension are detailed in the literature, StressMarq recommends the following protocol for re-suspending 100 μ g of peptide into a 1 mg/mL solution:

1. Bring dried peptide to room temperature for 10 minutes.
2. Add 7.5 μ L cold filter sterilized 1% Ammonium hydroxide (NH₄OH) to the peptide aliquot, mix well by pipetting up and down. Take care to scrape inside lower walls of tube to ensure complete re-suspension of the film.
3. Add 92.5 μ L of cold filter sterilized PBS. *Optional - Centrifuge monomer 14,000 x g at 4°C for approximately 5-10 minutes and keep the supernatant to remove any material that was not fully re-suspended.*
4. Keep monomer on ice and use immediately.

While it is not recommended, depending on your application small aliquots (\leq 50 μ L) can be frozen and kept for up to 2 weeks at -80°C. However, aggregate should be removed by centrifugation at 4°C upon thawing.