Amyloid Beta Protein Handling Instructions:

Monomers, Oligomers, Fibrils

StressMarq Biosciences INC.

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Handling Instructions	
Product Name	Amyloid Beta Protein (monomer, oligomer, fibril)
Storage Conditions	Monomer, oligomer, and unsonicated Fibril: -80ºC; 6 months+
Freeze/Thaw Cycles	1 additional freeze/thaw cycle maximum
Thawing Conditions	Monomer film and fibril: room temperature Monomer re-suspension and oligomer: 4ºC or on ice
Storage (Thawed Protein)	Monomer: Monomers are shipped as a dried peptide film. They must be re-suspended prior to use. Re-suspensions should be used immediately to avoid aggregation. If re-frozen -80, re-suspensions should be spundown ≥14,000 xg at 4 ºC for ≥5 minutes to remove any aggregate formed during freeze/thaw cycle. Oligomers: 4ºC or on ice. Use immediately. Fibrils: Room temperature. Do not store fibrils on ice or at 4ºC.
Mixing/Pipetting	Fibrils and oligomers are in solution and should be pipetted up and down immediately before use to ensure homogeneity. Monomer preps are in a dried peptide film, once re-suspended, monomers are in solution and should be pipetted up and down after thawing to ensure homogeneity.
Sonication	For best results, fibrils should be sonicated immediately prior to use. Mixing/pipetting is also needed before and after sonication to ensure homogeneity.
Safety	Appropriate laboratory attire: gloves, face mask (VWR, 414004-670), and protective goggles for all work involving fibrils, especially where aerosols may be created (for example during probe sonication). Clean any spills with a solution of 10% bleach or 1M NaOH.