

Soluble Lyophilized Silk Fibroin

Cat. No. NAT-0064

Lot. No. (See product label)

Lyophilized silk in a glass vial presents to be a white porous sponge. FOR RESEARCHORVIALIST COMPLETED AND SELECTION AND SELECTI

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	for a long period of time (> 18 months) at room temperature in terms of appearance, solubility, molecular weight distribution and structure. The regenerated silk solution remains the same structural transition capability from random coil and α -helix structure to β -sheet structure as original silk solution, which is critical in preparation of solid material formats.
Usage	Lyophilized silk fibroin can be stored at room temperature for 18 months. Before use, water or buffer or cell/drug solution can be added into the sterile glass bottle using a needle syringe (keep sealed) or a pipette (open bottle). The lyophilized silk cake in the bottle can be quickly rehydrated forming a light yellow solution and the silk concentrations obtained can reach up to 30-40%.
Concentration	≤ 40%
molecular weight g/mol	≥200,000 Da
Stability	18 months

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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