



Mempro™ Pre-assembled Nanodisc Human MSP1D1 dH5-His with POPC, Biotin Labeled

Catalog: CBS-dMSP1D1-POPC-4

This product is a pre-assemble nanodisc. dH5 MSP1D1 protein sourced from Human is used as stabilization membrane protein in the lipid environment. Nanodiscs created by dH5 MSP1D1 have the diameter of 7-8nm. Headgroup biotin labeled POPC in the formulation could help to the combination of nanodisc-protein complex with the streptavidin.

PRODUCT INFORMATION

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Species	Human
Tag	His
Form	Liquid
Storage Buffer	20 mM TRIS pH 7.4; 100 mM NaCl; 0.5 mM EDTA
Concentration	500 µM
Storage	Store at -80°C


Scaffold Diameter

7-8 nm

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to 3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.