

# Mempro™ Pre-assembled Nanodisc Human MSP1D1 dH5-His with DMPG

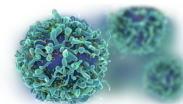
Catalog: CBS-dMSP1D1-DMPG-2

This product is a pre-assemble nanodisc. MSP1D1 protein sourced from Mouse is used as stabilization membrane protein in the lipid environment. Nanodiscs created by dH5 MSP1D1 have the diameter of 7-9nm.

## PRODUCT INFORMATION

|                   |                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name      | Mempro™ Pre-assembled Nanodisc Human MSP1D1 dH5-His with DMPG                                                                                                                                              |
| Catalog Number    | CBS-dMSP1D1-DMPG-2                                                                                                                                                                                         |
| Product Overview  | This product is a pre-assemble nanodisc. MSP1D1 protein sourced from Mouse is used as stabilization membrane protein in the lipid environment. Nanodiscs created by dH5 MSP1D1 have the diameter of 7-9nm. |
| Species           | Human                                                                                                                                                                                                      |
| Tag               | His                                                                                                                                                                                                        |
| Form              | Liquid                                                                                                                                                                                                     |
| Storage Buffer    | 20 mM TRIS pH 7.4; 100 mM NaCl; 0.5 mM EDTA                                                                                                                                                                |
| Concentration     | 500 $\mu$ M                                                                                                                                                                                                |
| Storage           | Store at -80°C                                                                                                                                                                                             |
| Scaffold Diameter | 7-9 nm                                                                                                                                                                                                     |

## USAGE GUIDELINES



|                         |                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General Handling</b> | Avoid excessive mixing or vortexing to prevent aggregation.<br>Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use. |
| <b>Storage</b>          | <b>Short term:</b> +2°C to +8°C (up to 1 week)<br><b>Long term:</b> -80°C (stable for 12 months)                                                        |
| <b>Stability</b>        | Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.                                                                                       |
| <b>Freeze / Thaw</b>    | 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.