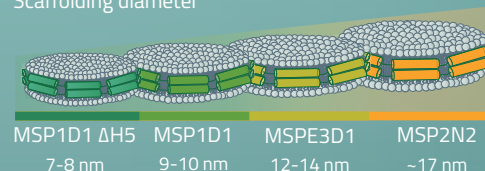


# Design your own MSP NANODISC SOLUTIONS



- 1. SIZE**  
Select the appropriate size of the membrane scaffolding protein (MSP) for your nanodiscs based on the specific membrane protein under investigation.

Scaffolding diameter



- 2. SPECIES**  
Use MSPs available from different backgrounds to accommodate a range of experimental situations.



Rat



Alpaca

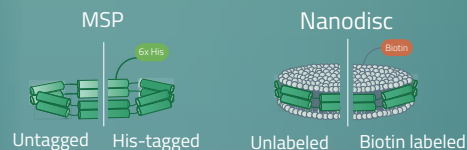


Human



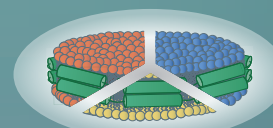
Mouse

- 3. TAGS**  
Choose pre-assembled nanodiscs with or without tags, including poly-His tags. Or label their phospholipids with biotin.



- 4. LIPIDS**  
Pick the optimal phospholipid for your protein from our existing catalogue or request a new one.

DMPC



DMPG

POPC

More on request

- 5. MUTATIONS**  
Use MSPs in their wild-type form or with a D73C mutation for further modification, such as biotinylation.

Unmutated



D73C MSPs



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