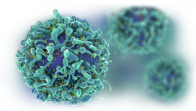

Mempro™ Recombinant Human CAV1 Transmembrane protein, Nanodisc

Catalog: BSRM-013N

Recombinant Human CAV1 is expressed in HEK293 and assembled into Nanodiscs.

PRODUCT INFORMATION

Product Name	Mempro™ Recombinant Human CAV1 Transmembrane protein, Nanodisc
Catalog Number	BSRM-013N
Source	HEK293
Product Overview	Recombinant Human CAV1 is expressed in HEK293 and assembled into Nanodiscs.
Species	Human
Storage	Store the product in lyophilized form at a temperature between -20°C and -80°C for up to 12 months. Once reconstituted, it should be stored at temperatures below -20°C and used within 3 months. Repeated cycles of freezing and thawing should be avoided.
Reconstitution	Before opening the vial, centrifuge it at 4°C to ensure all contents are recovered. Then dissolve the protein in sterile deionized water to achieve the desired concentration.
Formulation	Tris/PBS-based buffer, glycerol and/or trehalose as the protectant.
Shipping	Shipped at ambient conditions.
Sub Type	GPCR
Technical Platform	Nanodisc

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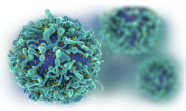

Uni ProtID	Q03135
Amino Acid	Full length
Molecular Weight	20.3 kDa

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.

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