



# Mempro™ Recombinant Human ADRB1 Transmembrane protein, His-tagged, VLPs

Catalog: BSRM-005V

Recombinant Human ADRB1 is expressed in HEK293 and assembled in VLPs.

## PRODUCT INFORMATION

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>     | Mempro™ Recombinant Human ADRB1 Transmembrane protein, His-tagged, VLPs                                                                                                                                                                                      |
| <b>Catalog Number</b>   | BSRM-005V                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                       |
| <b>Product Overview</b> | Recombinant Human ADRB1 is expressed in HEK293 and assembled in VLPs.                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                        |
| <b>Tag</b>              | His tag                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | 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. |
| <b>Reconstitution</b>   | 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.                                                                               |
| <b>Formulation</b>      | Lyophilized from sterile PBS, 6% Trehalose, pH 7.4.                                                                                                                                                                                                          |
| <b>Shipping</b>         | Shipped at ambient conditions.                                                                                                                                                                                                                               |



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|---------------------------|-----------------------|
| <b>Sub Type</b>           | GPCR                  |
| <b>Technical Platform</b> | VLP                   |
| <b>Uni ProtID</b>         | P08588                |
| <b>Amino Acid</b>         | Full length, 1-477 aa |
| <b>Molecular Weight</b>   | 52.6 kDa              |

## 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.