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StemBeads® Qkine BDNF DISC™ device



Type: StemCultures

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Product Information

StemBeads® Qkine BDNF DISC™ devices are biocompatible and non-degradable hydrogels that contain BDNF StemBeads®. Combining StemBeads® Qkine BDNF, a patented growth factor supplement that offers a novel way to culture cells with native BDNF more efficiently, DISC devices are easy to add and remove, giving scientists enhanced control of growth factor levels in their stem cell and organoid cultures. BDNF is key for neural stem cell growth and differentiation. BDNF DISC™ devices have been tested in multiple neuronal base media, including Brain Phys, with enhanced cellular profiles. In these cases, BDNF DISC™ devices were used with and without GDNF DISC™ devices.

StemCultures StemBeads® revolutionary controlled-release protein technology combined with Qkine high purity and bioactivity animal origin-free growth factors and cytokines stabilizes growth factor levels for increased cell culture consistency and reproducibility.

More information and instructional video.

Shipping times may vary for this product, contact us for current lead times - support@qkine.com

Alternative protein names

brain-derived neurotrophic factor, abrineurin

Product Size Wording

Order fulfilled by StemCultures

Protein Uniprot number

High purity human BDNF protein (Uniprot: P23560)

Species reactivity

- human
- species similarity:
- mouse - 99%
- rat - 100%
- bovine - 100%
- porcine - 100%

Product Information

- Micro-encapsulated high purity protein
- 12 mini DISC™ devices per pack
- StemBeads® technology for controlled-release
- Lot-to-lot consistency in bioactivity

Reconstitution instructions

- Liquid

Featured applications

- Neural organoid growth and differentiation
- Differentiation of iPSC derived neural progenitors to neurons
- Differentiation of midbrain dopaminergic neurons
- Neural differentiation from pluripotent stem cells

Original product page: https://qkine.com/product/stembeads-qkine-bdnf-disc-device/

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