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StemBeads® Qkine GDNF DISC™ device



Type: StemCultures

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Product Information

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

Astrocyte-derived trophic factor, ATF, ATF1, ATF2; glial cell line derived neurotrophic factor; glial derived neurotrophic factor

Product Size Wording

Order fulfilled by StemCultures

Protein Uniprot number

High purity GDNF (Uniprot: P39905)

Species reactivity

- human
- species similarity:
- mouse - 93%
- rat - 93%
- bovine - 92%
- porcine - 94%

Product Information

- Micro-encapsulated high purity protein
- StemBeads® technology for controlled-release
- Lot-to-lot consistency in bioactivity

Featured applications

- Neural differentiation from pluripotent stem cells
- Differentiation of midbrain dopaminergic neurons

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

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