StemCultures

StemBeads® FGF2

Catalog Number: SB500/SB501
Lot Number: 080116JR

Certificate of Analysis

DESCRIPTION

Product:	Microsphere-encapsulated recombinant human fibroblast growth factor 2
Size:	1 mL or 3 mL
Date of Manufacture:	8/1/2016
Expiration Date:	2/15/2017
FGF2-Molecular Mass:	16.3 kDA
FGF2-Primary Structure:	Single non-glycosylared polypeptide chain without N-terminal methionin (154 amino acid residues)

PREPARATION AND STORAGE

Reconstitution	Packaged as solution in DMEM/F12.
Use	8 µL/mL Stembead FGF2 = 10 ng/mL slow release FGF2
Shipping & Storage	This product is shipped at 4°C. Upon receipt store it immediately at 2-8°C under sterile conditions
Stability	Stable for 6 months if stored at the recommended temperature above.

SPECIFICATIONS

Sterility:	No growth of bacteria or fungi observed using direct immersion method in liquid culture	Result:	**PASS**
FGF2 Protein Release Profile:	10 ng/mL ± 2 ng stable release of sol. FGF2 at Stembead-FGF2 Conc. of 8 uL/mL	Result:	**PASS**
Average Size (diameter):	15 µm ± 2 µm (Quantification performed using ImageJ software from NIH)	Result:	**PASS**

This product is manufactured and controlled in accordance with all StemCulture Quality Control criteria.
This products meets all StemCulture Quality Control criteria. Therefore it is hereby authorized to be released for sale.

Manufacturer — 8/15/16 Date

Quality Assurance Manager — 08/25/16 Date

Please ensure the presence of Quality Control stamp; this certifies that the highest level of quality and metrics were used during StemCulture manufacturing procedures

QC Stamp

FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USES.