

	SOP-BCR-4.11	Preparation of bFGF stock	Author: S. Clouthier  Approved: M. Wicha 	Rev: 2.0	Issued: 05/06/09 Revised: 12/16/13
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1.0 Purpose

The purpose of SOP 4.11 is to describe how to prepare bFGF.

2.0 Scope

SOP 4.11 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No.	Name	Amt.	Description	Storage Location
1.0	bFGF	10ug	Basic Fibroblast Growth Factor	Freezer #2 (026-314S)

4.0 Procedure

4.1 Source: BD Biosciences, bFGF, 10 ug, catalog# 354060

4.2 Fill a syringe with 1 mL of ddiH2O and insert into the bFGF, allow for powder to dissolve.

4.3 This is the **stock solution with concentration of 10 ug/mL**.

4.4 The bFGF is only stable for about one month in solution, even when stored at -20 degrees C, so prepare **ONLY** 1 vial at a time for use.

4.5 Label any remainder "bFGF", add date, add concentration, add initials and store in FGF box located in Freezer #2.

5.0 Applicable References

bFGF, Human Recombinant : Product Specification Sheet, BD Biosciences.

6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	7/17/12	CL	Added room locations
2.0	12/16/13	TL	Updated procedures for proper stock concentration