

Data Sheet**Recombinant Human Fibroblast Growth Factor-2
(rh FGF-2, rh bFGF)****Preclinical Grade - Order No.: 1421-010 / 1421-050**

Source	A DNA sequence encoding the mature 17.3 kDa variant of FGF-2 was expressed in <i>E. coli</i>
Production	Final manufacturing steps and QC are performed in a GMP facility
Molecular mass	The methionyl form of the <i>E. coli</i> expressed mature human FGF-2 contains 155 amino acid residues and has a molecular mass of 17.3 kDa.
Purity	≥ 95%, as determined by SDS-PAGE
Endotoxin level	< 1000 EU/mg, as determined by LAL gel clot test
Activity	≥ 0,9 x10 ⁶ IU/mg calibrated against the 1 st International Standard NIBSC, #90/712 Measured in a cell proliferation assay using a bovine factor-dependent cell line, FBHE
Sterility	Sterility test of the vial product (direct inoculation)
Formulation	Lyophilized from a 0.2 µm-filtered solution
Mass per vial	50 µg or 10 µg, as determined by spectrophotometrical measurement at 280 nm
Transport	Ambient temperature
Storage at	-20°C or below. Avoid repeated freeze-thaw cycles
Shelf life	3 years from date of shipment

本品は研究用試薬です。治療および診断目的にはご使用できません。

Manufacturer

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