

# OryzaExp™ FGF-basic, Human Recombinant

**CATALOG NO:** P1397-50 50 µg

**ALTERNATE NAMES:** Recombinant basic fibroblast growth factor, Plant-derived bFGF, recombinant bFGF, recombinant FGF2, rbFGF, rFGF2, bFGF, FGF2, FGF-β

**MOL. WT.** 17kDa

**SOURCE:** Oryza Sativa (Rice)

**PURITY:** > 95%

**ENDOTOXIN:** ≤1EU/µg

**FORM:** White lyophilized powder

**FORMULATION:** Lyophilized with Citrate, L-Glutathione ( Reduced), Trehalose was added as the stabilizer

**RECONSTITUTION:** It is recommended to reconstitute OryzaExp™ FGF at 100-200µg/ml in sterile water. Further dilutions can be made in other aqueous buffer.

**STORAGE CONDITIONS:** Store at -20°C. Please avoid repeated freeze/thaw cycles.

**DESCRIPTION:** Human basic fibroblast growth factor, also known as bFGF, FGF2 or FGF-β, is a member of the fibroblast growth factor family. It is a single-chain polypeptide growth factor that plays a significant role in the process of promoting cell proliferation, inhibiting cell apoptosis, expediting wound healing and inducing angiogenesis. It is also a very potent inducer of DNA synthesis in a variety of cell types from mesoderm and neuroectoderm lineages.

**AMINO ACID SEQUENCE:** MAAGSITLTPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDPHIKLQLQAEERGVSIIKGVCANRYLAM KEDGRLLASKCVTDECFERLESNNYNTYRSRKYTSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS

## RELATED PRODUCTS:

- FGFR2 (Human) ELISA Kit (K4269)
- FGF-9, human recombinant (4056)
- FGF-4 Antibody (6682)
- FGF-2/FGF-basic, murine recombinant (4038)
- FGF-19, human recombinant (4542)

Gentaur Europe BVBA Voorstraat 49, 1910 Kampenhout BELGIUM  
 Tel 0032 16 58 90 45 [info@gentaur.com](mailto:info@gentaur.com)

