

FGF basic/bFGF Protein, Human (157a.a)

Cat. No.:	HY-P70440
Synonyms:	Fibroblast Growth Factor 2; FGF-2; Basic Fibroblast Growth Factor; bFGF; Heparin-Binding Growth Factor 2; HBGF-2; FGF2; FGFB
Species:	Human
Source:	E. coli
Accession:	P09038 (G132-S288)
Gene ID:	2247
Molecular Weight:	Approximately 16.0 kDa

PROPERTIES

AA Sequence	<p>G T M A A G S I T T L P A L P E D G G S G A F P P G H F K D P K R L Y C K N G G</p> <p>F F L R I H P D G R V D G V R E K S D P H I K L Q L Q A E E R G V V S I K G V C</p> <p>A N R Y L A M K E D G R L L A S K C V T D E C F F F E R L E S N N Y N T Y R S R</p> <p>K Y T S W Y V A L K R T G Q Y K L G S K T G P G Q K A I L F L P M S A K S</p>
Biological Activity	The cell proliferation assay using BALB/c 3T3 cells has an ED50 value of 10 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, pH 7.5.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Reconstitute at 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.