

FGF-basic Protein, Salmon

Cat. No.:	HY-P701238
Synonyms:	Fibroblast growth factor 2; FGF-2; Basic fibroblast growth factor; bFGF; Heparin-binding growth factor 2; HBGF-2; FGF2; FGFB
Species:	Others
Source:	E. coli
Accession:	XP_035600424.1 (M1-R155)
Gene ID:	118363560
Molecular Weight:	Approximately 20 kDa

PROPERTIES

AA Sequence	<p>M A T G E I T T L P A T P E D G G S G G F P P G N F K E P K R L Y C K N G G Y F</p> <p>L R I N S N G S V D G I R E K N D P H I K L Q L Q A T S V G E V V I K G V S A N</p> <p>R Y L A M N G D G R L F G T R R T T D E C Y F M E R L E S N N Y N T Y R S R K Y</p> <p>P D M Y V A L K R T G Q H K S G S K T G P G Q K A I L F L P M S A R R</p>
Biological Activity	Measure by its ability by a dose-response proliferation assay using murine Balb/c 3T3 cells. The ED50 for this effect is <1 ng/mL. The specific activity of this protein is > 1.0 × 10 ⁶ IU/mg. (It is recommended to experimentally determine the optimal concentration for each specific application by performing a dose response assay.)
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 7.8 mM Na ₂ HPO ₄ , 1.5 mM KH ₂ PO ₄ , 2.7 mM KCl, 500 mM NaCl.
Endotoxin Level	< 0.2 EU/µg of protein by gel clotting method
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. 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.

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