

## 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	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 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 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 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
Biological Activity	Measure by its ability by a dose-response proliferation assay using murine Balb/c 3T3 cells. The ED <sub>50</sub> for this effect is <1 ng/mL. The specific activity of this protein is $> 1.0 \times 10^6$ 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 <sub>2</sub> HPO <sub>4</sub> , 1.5 mM KH <sub>2</sub> PO <sub>4</sub> , 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 PBS.
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 (with carrier protein). 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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