

FGF2 Protein, Chicken (N-His, C-Myc)

Cat. No.:	HY-P700487
Synonyms:	Fibroblast Growth Factor 2; FGF-2; Basic Fibroblast Growth Factor; bFGF; Heparin-Binding Growth Factor 2; HBGF-2; Fgf2; Fgf-2
Species:	Others
Source:	E. coli
Accession:	P48800 (P13-S158)
Gene ID:	396413
Molecular Weight:	23.8 kDa

PROPERTIES

AA Sequence	<p> P A L P D D G G G G A F P P G H F K D P K R L Y C K N G G F F L R I N 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 S A N R F L A M K E D G R L L A L K C A T E E C F F F E R L E S N N Y N T Y R S R K Y S D W Y V A L K R T G Q Y K P G P K T G P G Q K A I L F L P M S A K S </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
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.

DESCRIPTION

Background	The FGF2 protein serves as a ligand for FGFR1, FGFR2, FGFR3, and FGFR4, as well as an integrin ligand necessary for FGF2 signaling. It plays a crucial role in regulating cell survival, division, differentiation, and migration. Additionally, FGF2 functions as a potent mitogen in vitro and has the ability to induce angiogenesis.
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Caution: Product has not been fully validated for medical applications. For research use only.

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