

## Fibroblast growth factor 2 (FGF2) Recombinant Protein | FGF2 recombinant protein

Recombinant Chicken Fibroblast growth factor 2 (FGF2)

CATALOG #  
AAA113584

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Fibroblast growth factor 2 (FGF2); Recombinant Chicken Fibroblast growth factor 2 (FGF2); FGF2 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                    |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                           |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                    |
| Sequence Positions      | 13-158aa; Full Length of Mature Protein                                                                                                                                                             |
| Sequence                | PALPDDGGGG AFPPGHFKDP KRLYCKNGGF FLRINPDGRV DGVREKSDPH IKLQLQAEER GVVSIKGVSA<br>NRFLAMKEDG RLLALKCATE ECTFFERLES NNYNTYRSRK YSDWYVALKR TGQYKPGPKT GPGQKAILFL<br>PMSAKS                              |
| Species                 | Chicken                                                                                                                                                                                             |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |

### ADDITIONAL INFORMATION

|                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for FGF2 recombinant protein | This protein is a member of the fibroblast growth factor (FGF) family. FGF family members bind heparin and possess broad mitogenic and angiogenic activities. This protein has been implicated in diverse biological processes, such as limb and nervous system development, wound healing, and tumor growth. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in five different isoforms with distinct properties. The CUG-initiated isoforms are localized in the nucleus and are responsible for the intracrine effect, whereas, the AUG-initiated form is mostly cytosolic and is responsible for the paracrine and autocrine effects of this FGF. |
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### NCBI AND UNIPROT INFORMATION

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|----------------------------------|-----------------------------|
| NCBI GI #                        | <a href="#">45382175</a>    |
| NCBI GeneID                      | <a href="#">396413</a>      |
| NCBI Accession #                 | <a href="#">NP_990764.1</a> |
| NCBI GenBank Nucleotide #        | <a href="#">NM_205433.1</a> |
| UniProt Accession #              | <a href="#">P48800</a>      |
| Molecular Weight                 | 17,374 Da                   |
| NCBI Official Full Name          | fibroblast growth factor 2  |
| NCBI Official Synonym Full Names | fibroblast growth factor 2  |
| NCBI Official Symbol             | FGF2                        |
| NCBI Official Synonym Symbols    | BFGF; FGF-2; HBGF-2         |

|                            |                            |
|----------------------------|----------------------------|
| NCBI Protein Information   | fibroblast growth factor 2 |
| UniProt Protein Name       | Fibroblast growth factor 2 |
| UniProt Gene Name          | <b>FGF2</b>                |
| UniProt Synonym Gene Names | FGF-2; bFGF; HBGF-2        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/fgf2-recombinant-protein-e-coli/113584>