

FGF-2 protein

FGF-2 (His tag)

CATALOG #
AAA269809

HOST
E coli

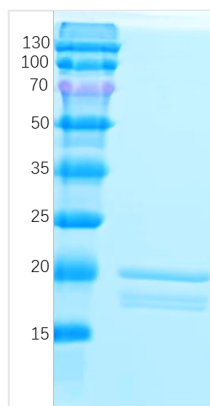
PRODUCT SYNONYMS

FGF-2; FGF-2 (His tag); Heparin-binding growth factor 2; Basic fibroblast growth factor; FGFB; bFGF; HBGF-2; FGF2; Fibroblast Growth Factor 2 (Basic); Basic Fibroblast Growth Factor BFGF; Prostatropin; Fibroblast Growth Factor 2; FGF-2 protein

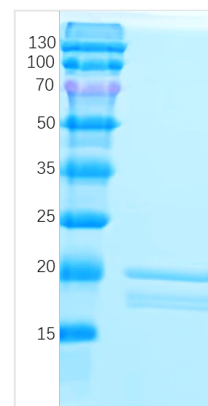
PRODUCT SPECIFICATIONS

Host	E coli
Form/Format	Purified protein solution after extensive dialysis against PBS, pH 8.0
Sequence	AAGSITTLPA LPEDGGSGAF PPGHFKDPKR LYCKNGGFFL RIHPDGRVDG VREKSDPHIK LQLQAEERGV VSIKGVCANR YLAMKEDGRL LASKCVTDEC FFFERLESNN YNTYRSRKYT SWYVALKRTG QYKLGSKTGP GQKAILFLPM SAKS Ac cession#: Å P0903 8
Species	Human
Tag	His
Expression System	Fibroblast growth factor 2 (FGF-2), produced in E coli is a single non-glycosylated polypeptide chain containing 154 amino acids. A fully biologically active molecule has a molecular mass of 17.1 kDa. The apparent molecular mass of the protein is approximately 20 kD analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques.
Preparation and Storage	This product is stable for one year upon receipt, when handled and stored as instructed. Upon reconstitution, protein aliquots should be stored at -20 degree C or -80 degree C. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE
SDS-PAGE of FGF-2 (#AAA269809).



Application Data

ADDITIONAL INFORMATION

Related Product Information for FGF-2 protein	FGF-2, also known as a basic fibroblast growth factor (bFGF), is a growth factor and signaling protein encoded by the FGF-2 gene. FGF-2 has been shown in preliminary animal studies to protect the heart from injury associated with a heart attack, reducing tissue death and promoting improved function after reperfusion. FGF-2 are also involved in a variety of biological processes, including embryonic development, morphogenesis, tissue repair, tumor growth, and invasion
Product Categories/Family for FGF-2 protein	Protein & Antigen

NCBI AND UNIPROT INFORMATION

Molecular Weight	17.1kDa. The apparent molecular mass of the protein is approximately 20kD with 6XHis tag observed by reducing SDS-PAGE.
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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://stage.aaabiotech.com/e-coli-protein/fgf-2/269809>