

## Animal-Free FGF-5 Protein, Human (His)

Cat. No.:	HY-P700067AF
Synonyms:	Fibroblast growth factor 5; Heparin-binding growth factor 5; HBGF-5; Smag-82; FGF5
Species:	Human
Source:	E. coli
Accession:	AAB06463.1 (A28-G268)
Gene ID:	2250
Molecular Weight:	Approximately 28.46 kDa

### PROPERTIES

AA Sequence	<pre> M A W A H G E K R L   A P K G Q P G P A A   T D R N P I G S S S   R Q S S S S A M S S S S A S S S P A A S   L G S Q G S G L E Q   S S F Q W S P S G R   R T G S L Y C R V G I G F H L Q I Y P D   G K V N G S H E A N   M L S V L E I F A V   S Q G I V G I R G V F S N K F L A M S K   K G K L H A S A K F   T D D C K F R E R F   Q E N S Y N T Y A S A I H R T E K T G R   E W Y V A L N K R G   K A K R G C S P R V   K P Q H I S T H F L P R F K Q S E Q P E   L S F T V T V P E K   K N P P S P I K S K   I P L S A P R K N T N S V K Y R L K F R   F G           </pre>
Biological Activity	Measure by its ability to induce 3T3 cells proliferation. The ED <sub>50</sub> for this effect is <0.7 ng/mL. The specific activity of recombinant human FGF-5 is >1.4 x 10 <sup>6</sup> IU/mg
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 8.0.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> 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. 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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