

## FGF-6 Protein, Human (His)

Cat. No.:	HY-P7174A
Synonyms:	rHuFGF-6; HBGF-6; HST-2; HSTF-2
Species:	Human
Source:	E. coli
Accession:	P10767 (G41-I208)
Gene ID:	2251
Molecular Weight:	18-19 kDa

### PROPERTIES

AA Sequence	<p>G T R A N N T L L D      S R G W G T L L S R      S R A G L A G E I A      G V N W E S G Y L V</p> <p>G I K R Q R R L Y C      N V G I G F H L Q V      L P D G R I S G T H      E E N P Y S L L E I</p> <p>S T V E R G V V S L      F G V R S A L F V A      M N S K G R L Y A T      P S F Q E E C K F R</p> <p>E T L L P N N Y N A      Y E S D L Y Q G T Y      I A L S K Y G R V K      R G S K V S P I M T</p> <p>V T H F L P R I</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from after extensive dialysis against PBS.
Endotoxin Level	<1.0 EU/μg, determined by 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 (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	Fibroblast growth factor 6 (FGF-6) is a heparin-binding member of the FGF family, which are regulators of cell proliferation, differentiation, and function. FGF-6 binds and signals through the FGF receptors 1c, 2c, and 4[1]. FGF-6 is a potent mitogen for fibroblasts, vascular endothelial cells, and prostate carcinoma cells.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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