

---

## Product Data Sheet

---

Product Name: FGF6 Human  
 Cat. No.: GP20222  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Fibroblast Growth Factor 6; Heparin Secretory-Transforming Protein 2; Heparin-Binding Growth Factor 6; HBGF-6; HSTF-2; FGF-6; HST-2; HST2; HSTF2; FGF6.		
Amino Acid Sequence	MGTRANNTLL DSRGWGTLLS RSRAGLAGEI AGVNWESGYL VGIKRQRRLY CNVGIGFHLQ VLPDGRISGT HEENPYSLLE ISTVERGVVS LFGVRSALFV AMNSKGRLYA TPSFQEECKF RETLLPNNYN AYESDLYQGT YIALSKYGRV KRGSKVSPIM TVTHFLPRI.		
Solubility	It is recommended to reconstitute the lyophilized FGF6 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	FGF-6 protein was lyophilized from a 0.2µm filtered solution in 10mM sodium phosphate and 50mM sodium chloride pH 7.5.		

### Introduction

Fibroblast Growth Factor-6 (FGF6) belongs to the fibroblast growth factor (FGF) family. FGF family members possess extensive mitogenic and cell survival functions, and are involved in various biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The FGF6 gene displays oncogenic transforming activity when transfected into mammalian cells. The mouse homolog of the FGF6 gene displays a restricted expression profile predominantly in the myogenic lineage, suggesting a role in muscle regeneration or differentiation.

### Stability

Lyophilized FGF6 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C . Upon reconstitution FGF-6 should be stored at 4°C between 2-7

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

## Product Data Sheet

---

days and for future use below  $-18^{\circ}\text{C}$ . For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Background

FGF6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain having containing 169 amino acids and having a molecular mass of 18.9kDa. The FGF-6 is purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**

**Address: 10292 Central Ave. #205, Montclair, CA, USA**