

# FGF6 (Human) Recombinant Protein

Catalog # P6356      Size 100 ug

## Specification

<b>Product Description</b>	Human FGF6 (P10767) recombinant protein expressed in <i>E. Coli</i> .
<b>Sequence</b>	GTRANNTLLDSRGWGTLRSRAGLAGEIAGVNWESGYLVGIKRQRRLYCNVGIGFHLQVLPDGRI SGTHEENPYSLLEISTVERGVVSLFGVRSALFVAMNSKGRLYATPSFQEECKFRETLLPNNYNAYE SDLYQGTYALSKEYGRVKRGSKVSPIMTVTHFLPRI
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	18
<b>Form</b>	Lyophilized
<b>Purity</b>	> 95%
<b>Endotoxin Level</b>	<= 1 EUs/ug (LAL gel clot method)
<b>Storage Buffer</b>	Lyophilized from PBS, pH 7.2.
<b>Storage Instruction</b>	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — FGF6

**Entrez GeneID** [2251](#)

**Protein Accession#** [P10767](#)

Gene Name	FGF6
Gene Alias	HBGF-6, HST2
Gene Description	fibroblast growth factor 6
Omim ID	<a href="#">134921</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene displayed oncogenic transforming activity when transfected into mammalian cells. The mouse homolog of this gene exhibits a restricted expression profile predominantly in the myogenic lineage, which suggested a role in muscle regeneration or differentiation. [provided by RefSeq]</p>
Other Designations	-

## Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)

## Disease

- [Kidney Failure](#)