

# Recombinant Human FGF-8f (N-6His)

Catalog # EPT209

**Expression Host** E.coli

**DESCRIPTION** Recombinant Human Fibroblast Growth Factor 8f is

produced by our E.coli expression system and the

target gene encoding Gln23-Arg244 is expressed with

a 6His tag at the N-terminus.

Accession P55075-4

**Synonyms** Fibroblast growth factor 8; Androgen-induced growth

factor; Heparin-binding growth factor 8; AIGF;

HBGF-8; FGF-8B

Mol Mass 27.7 KDa

**AP Mol Mass** 30 KDa, reducing conditions

**Purity** Greater than 95% as determined by reducing

SDS-PAGE.

**Endotoxin** Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.

**FORMULATION** Lyophilized from a 0.2 µm filtered solution of 20mM

PB, 150mM NaCl, pH 7.4.



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#### RECONSTITUTION

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## **SHIPPING**

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

## **STORAGE**

Lyophilized protein should be stored at < -20 ° C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

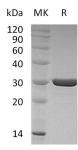
#### **BACKGROUND**

Fibroblast growth factor 8 (FGF-8) is a member of the fibroblast growth factor family. It is discovered as a growth factor essential for the androgen--dependent growth of mouse mammary carcinoma cells. Mouse FGF-8b shares 100% aa identity with human FGF-8b.





mediates epithelial--mesenchymal transitions. It plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. It is required for normal brain, eye, ear, limb development during embryogenesis and normal development of the gonadotropin-releasing hormone (GnRH) neuronal system.



**SDS-PAGE** 

