**Synonyms** 



## **PRODUCT INFORMATION**

**FGFa Target** 

Fibroblast Growth Factor 1;FGF-1;Acidic Fibroblast

Growth Factor; aFGF; Endothelial Cell Growth Factor; ECGFHeparin-Binding Growth Factor 1; HBGF-1; FGF1; FGFA

Recombinant Human Fibroblast Growth Factor 1/Fibroblast Growth Factor Acidic is produced by our E.coli expression system and the target gene encoding Ala2-Asp155 is expressed. Description

**Delivery** In Stock **Uniprot ID** P05230 **Expression Host** E.coli

Tag

**Background** 

Molecular Not available Characterization Molecular Weight 17.3 KDa

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

SDS-PAGE.

Lyophilized from a 0.2 µm filtered solution of PBS, Formulation & Reconstitution

pH 7.4.

lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

Store at -20°C to -80°C for 12 months in

témperature.

FGF acidic, also known as ECGF, FGF-1and HBGF-1, is a non-glycosylated heparin binding growth factor that is expressed in the brain, kidney, retina, smooth muscle cells, bone matrix, osteoblasts, astrocytes and endothelial cells. It is a mitogenic peptide that is produced by multiple cell types and stimulates the proliferation of cells of mesodermal, ectodermal, and endodermal

origin. Its association with heparan sulfate is a prerequisite for activation of FGF receptors. Internalized FGF acidic migrates to the nucleus where it is phosphorylated by nuclear PKC delta, exported to the cytosol, dephosphorylated, and dograded latracellular FGF acidic inhibits p53 degraded. Intracellular FGF acidic inhibits p53

> Email: info@dimabio.com Website: www.dimabio.com

activity and proapoptotic signaling.

Usage Research use only Conjugate Unconjugated





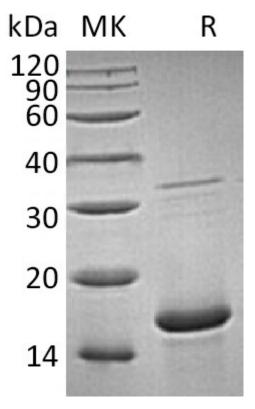


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.



Email: info@dimabio.com Website: www.dimabio.com