

RP00701

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Recombinant Rat FGF-2/bFGF Protein

Catalog No.: RP00701

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Rat	54250	P13109

Tags

No tag

Synonyms

Fibroblast Growth Factor 2; FGF-2; Basic Fibroblast Growth Factor; bFGF; Heparin-Binding GrowthFactor 2; HBGF-2; FGF2; FGFB; Fgf2

Product Information

Source	Purification
E. coli	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

FGF-basic is a members of the Fibroblast Growth Factors (FGFs) family. The family constitutes a large family of proteins involved in many aspects of development including cell proliferation, growth, and differentiation. They act on several cell types to regulate diverse physiologic functions including angiogenesis, cell growth, pattern formation, embryonic development, metabolic regulation, cell migration, neurotrophic effects, and tissue repair. FGF-basic is a non-glycosylated heparin binding growth factor that is expressed in the brain, pituitary, kidney, retina, bone, testis, adrenal gland liver, monocytes, epithelial cells and endothelial cells. FGF-basic signals through FGFR 1b, 1c, 2c, 3c and 4.

Basic Information

Description

Recombinant Rat FGF-2/bFGF Protein is produced by E. coli expression system. The target protein is expressed with sequence (Ala11-Ser154) of rat FGF-2/FGF basic/bFGF (Accession #P13109).

Bio-Activity

Storage

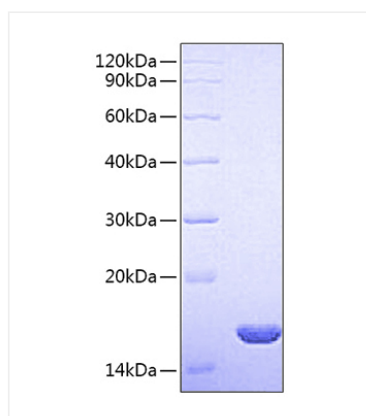
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Rat FGF-2/bFGF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.