FGF2/FGFb/FGF basic(143-288)

Catalog Number:E21-779

Amount:10ug

Alternname: Fibroblast growth factor 2;FGF-2;Basic fibroblast growth factor;bFGF;Heparin-binding growth factor 2;HBGF-2

Storage/Stability: 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: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.

Species: Human

Reconstitution: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100 μg/ml.Dissolve the lyophilized protein in ddH2O.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Purity: Greater than 95% as determined by reducing SDS-PAGE.

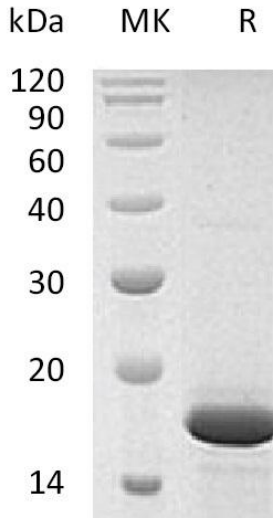
Description: Recombinant Human Fibroblast growth factor 2/Fibroblast Growth Factor Basic is produced by our E.coli expression system and the target gene encoding Pro143-Ser288 is expressed.

Product State: Lyophilized

Ship Description: The product is shipped at ambient temperature.

Formulation: Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.

Expression system:E.coli



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