

FGF-basic
Catalog # PVGS1757

Specification

FGF-basic - Product Information

Primary Accession [A0A287BGK8](#)

Species
Porcine

Sequence
Pro171-Ser316

Purity
≥ 95% as analyzed by SDS-PAGE

Endotoxin Level
< 0.2 EU/ µg of protein by gel clotting method

Biological Activity
ED₅₀ < 1.0 ng/ml, measured by a cell proliferation assay using BALB/3T3 cells, corresponding to a specific activity of > 1.0 × 10⁶ units/mg.

Expression System
<I>E. coli</I>

Theoretical Molecular Weight
16.4 kDa

Formulation **Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4**

Reconstitution
Before opening, centrifuge the vial briefly to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH₂O up to 100 µg/ml

Storage & Stability
Upon receiving, this product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable up to 1 week at 4 °C or up to 3 months at -20 °C or below. Avoid repeated freeze-thaw cycles.

FGF-basic - Additional Information

Target Background
Fibroblast Growth Factor-basic (FGF-basic), also known as FGF-2, is a pleiotropic cytokine. FGF-basic is produced by fibroblasts, and vascular cells. It regulates a variety of processes including cell proliferation, differentiation, survival, adhesion, motility, apoptosis, limb formation and wound healing. FGF-basic can be tumorigenic due to its role in angiogenesis and blood vessel remodeling.

FGF-basic - Protein Information

FGF-basic - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FGF-basic - Images