
Product Datasheet

Bovine Fibroblast Growth Factor-basic (rBoFGF-2) (orb1495071)

Description

bFGF is a single-chain polypeptide

significant role in the process of wound healing.

Endotoxins

Less than 1EU/mg of rBoFGF-2 as determined by LAL method.

Preservatives

Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4, containing 4% mannitol.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Note

For research use only

Application notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in appropriate buffered solutions.

Protein Sequence

MTMITNSSSV PGDPLESMAA
 GSITTLPALP EDGGSGAFPP
 GHFKDPKRLY CKNGGFFLRI
 HPDGRVDGVR EKSDPHIKLQ
 LQAEERGVVS IKGVCANRYL
 AMKEDGRLLA SKCVTDECFE
 FERLESNNYN TYRSRKYSW
 YVALKRTGQY KLGPKTGPGQ
 KAILFLPMSA KS

Source

Escherichia coli.

MW

Approximately 18.5 kDa, a single non-glycosylated polypeptide chain.