Recombinant Bovine bFGF

Catalog Number: OM643742

Characteristics:

Source	E. coli
Description	Bovine bFGF (P10-S155) Accession # P03969
Predicted molecular mass	16.5 kDa

Specification:

Appearance	White powder,Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions,visualized by Coomassie staining)
Endotoxin	≤200 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is ≤2.0 ng/mL
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 10mMPB, 250mM NaCl,5%mannitol and 0.01% Tween 80 ,pH 7.4
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**