

Recombinant Human bFGF (E.coli-expressed)

Catalog Number: mly00351H

Characteristics:

Source	<i>E. coli</i>
Description	Human bFGF (Pro143-Ser288) Accession # P09038-4
Predicted molecular mass	16.5kDa

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	≤20 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 ≤2.0 ng/mL.
Formulation	Lyophilized from a 0.2 μm filtered solution containing PB, 5% Trehalose and 0.01% Tween 80, pH7.4
Size	10 μg/vial, 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 -20°C to -80°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.