Recombinant Fish bFGF

Catalog Number: OM643743

Characteristics:

Source	*Escherichia coli*
Description	Fish FGF2 (M1-C155) Accession # XP_030252529.1
Predicted molecular mass	17.1kDa

Specification:

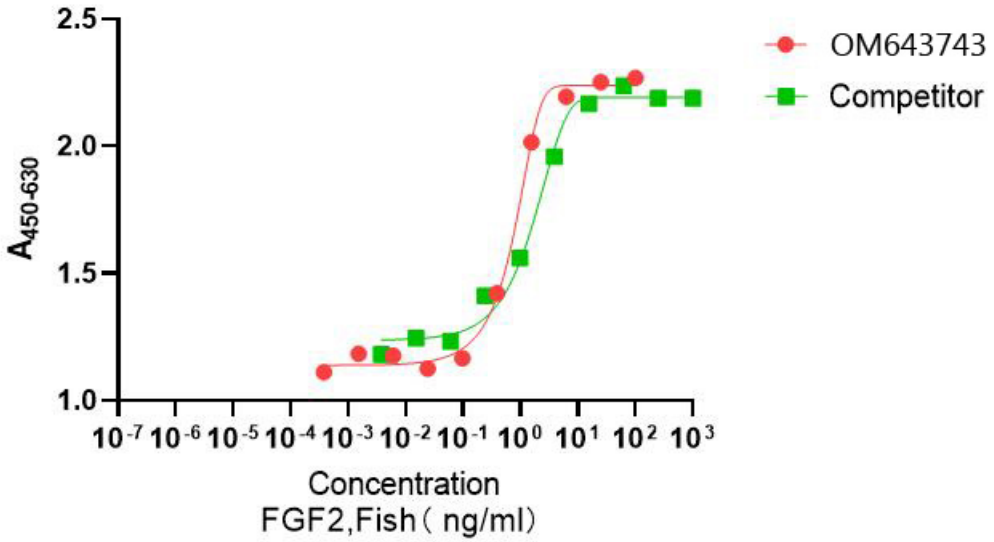
Appearance	White powder,Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions,visualized by Coomassie staining)
Endotoxin	≤200 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is ≤2.0 ng/mL.
Formulation	Lyophilized from a 0.2 μm filtered solution containing 10 mM PB, 250 mM NaCl, 5% mannitol and 0.01% Tween 80, pH7.4
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.**

Data:

Bioactivity



Recombinant Fish bFGF (Cat. No. OM643743) stimulates proliferation of NIH3T3 cells. The ED_{50} for this effect is ≤2.0 ng/mL. The activity of recombinant Fish bFGF (Cat. No. OM643743) was higher than the other competing product.