Recombinant Human FGF-9

Catalog Number: OM643748

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human FGF9 (Pro3-Ser208) Accession # P31371
Predicted molecular mass	23.2 kDa

Specification:

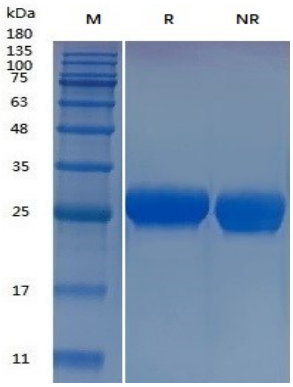
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is 1-3 ng/mL. Optimal concentration depends on cell type as well as the application or research objectives.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing PBS, 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 -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.**

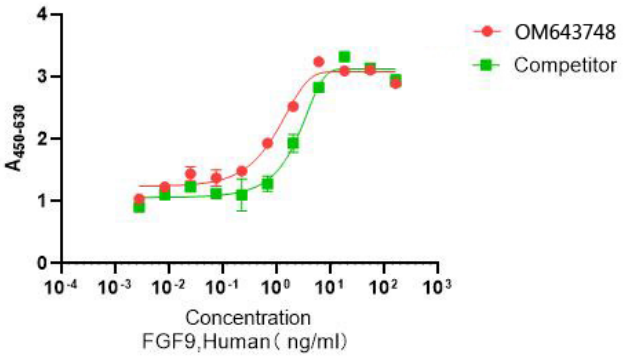
Data:

SDS-PAGE



Recombinant Human FGF9 (Cat. No. OM643748) SDS-PAGE (under reducing (R) & Non-reducing conditions. The gel was stained with OM643748 SDS-PAGE.

Bioactivity



Recombinant Human FGF9 (Cat. No. OM643748) stimulates proliferation of NIH3T3 cells. The ED_{50} for this effect is 1-3ng/mL. The activity of OM643748 was higher than the other competing product.