

Recombinant Human FGF-4

Catalog Number : mly00901

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human FGF4(Ala31-Leu206) Accession # P08620
Predicted molecular mass	19.3 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 0.25-1 ng/mL
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

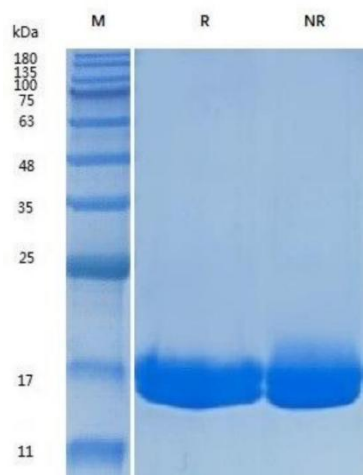
Handling and Storage:

It is recommended to redissolve in sterile deionized water.

Reconstitution	
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.

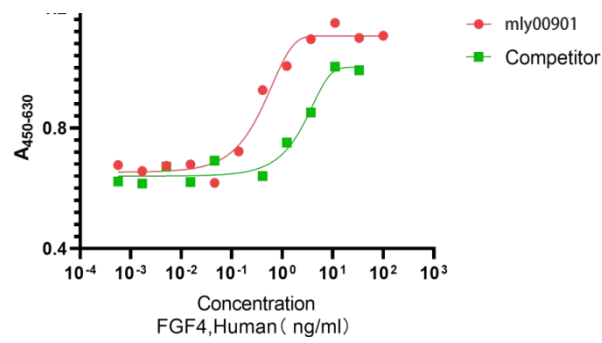
Data:

SDS-PAGE



Recombinant Human FGF4 (Cat. No. mly00901) SDS-PAGE under reducing (R) & Non-reducing conditions. The gel was stained with mly00901 SDS-PAGE.

Bioactivity



Recombinant Human FGF4 (Cat. No. mly00901) stimulates proliferation of NIH3T3 cells. The ED₅₀ for this effect is 0.25-1ng/mL. The activity of mly00901 was higher than the other competing product.