Recombinant Human Fetuin A

Catalog Number: OM643800

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human Fetuin A (A-Chain: A19-L300; B-Chain: T341-V367) Accession # P02765
Predicted molecular mass	32.9 KDa

Specification:

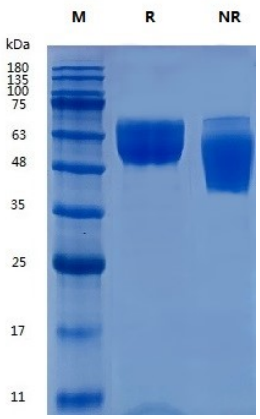
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) condition, visualized by Coomassie staining)
Endotoxin	≤0.5 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using B16-F1 cells. Human Fetuin A (Cat. No. OM643800) stimulates adhesion of B16-F1 cells. The ED_{50} for this effect is 50-200 μg/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 10 mM PB, pH 7.4
Size	100 mg/vial, 1g/vial, 10g/vial, 100g/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.

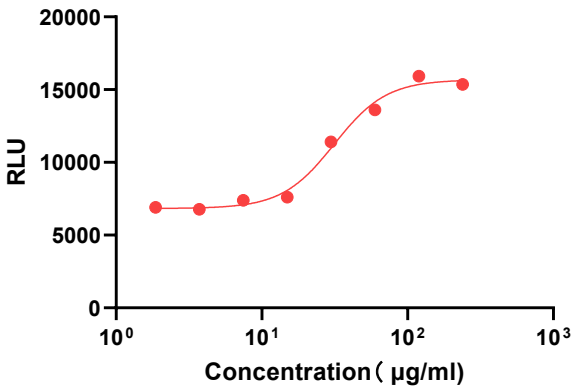
Data:

SDS-PAGE



Recombinant Human Fetuin A (Cat. No. OM643800) SDS-PAGE under reducing (R) condition. The gel was stained with OM643800 SDS-PAGE.

Bioactivity



Recombinant Human Fetuin A (Cat. No. OM643800) stimulates adhesion of B16-F1 cells. The ED_{50} for this effect is 50-200 μg/mL.