Recombinant Human Activin A

Catalog Number: OM643740

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human Activin A (Gly311-Ser426) Accession # P08476
Predicted molecular mass	12.9 kDa

Specification:

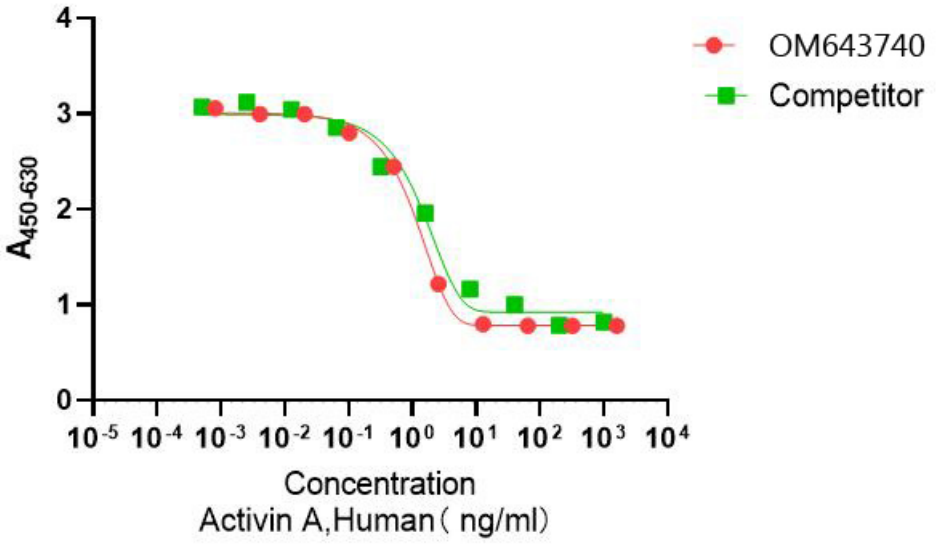
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 0.085% TFA,30%ACN, 5% mannitol, pH 2.5
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in 4mM HCl.
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:

Bioactivity



Determined by its ability to inhibit the proliferation of mouse MPC-11 cells. The expected ED_{50} is ≤ 2.0 ng/ml, corresponding to a specific activity of ≥ 5 x 10^5 units/mg.