Recombinant Human PDGF-BB

Catalog Number: OM643773

Characteristics:

Source	Pichia pastoris
Description	Human PDGF-BB (Ser82-Thr190) Accession # P01127
Predicted molecular mass	12.2kDa(monomer)

Specification:

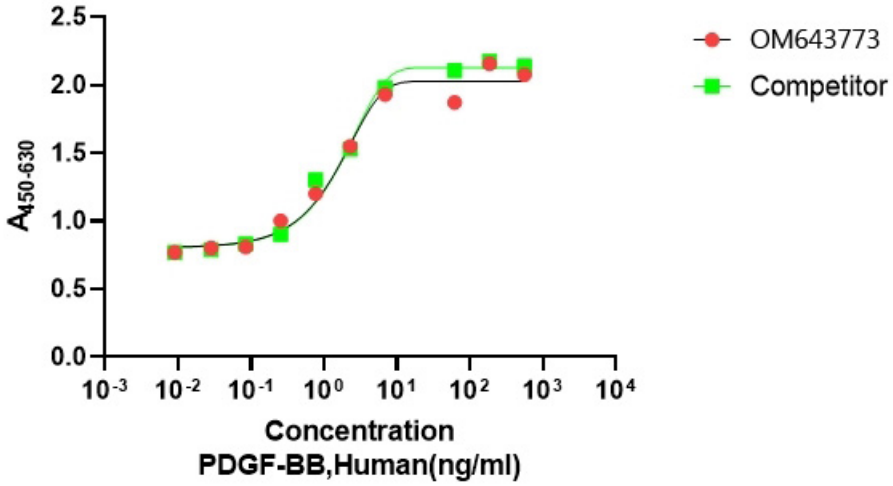
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is ≤5 ng/mL.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 100mM Citrate- sodium citrate, 5% Mannitol 0.1% Trehalose pH 6.5
Size	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:

Bioactivity



Measured in a cell proliferation assay using NIH3T3 mouse embryonic fibroblast cells. The ED_{50} for this effect is ≤5 ng/mL. The activity of OM643773 is equivalent to the other competing product.