Recombinant Human GDF-8

Catalog Number: OM770111

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human GDF-8(Asp267-Ser375) Accession # 014793
Predicted molecular mass	12.4kDa

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 ainhibition assay using MPC-11 cells. The ED_{50} is < 20ng/ml.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 0.085% TFA,30% CAN,5% Mannitol，pH2.5

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.**