

Recombinant Human Growth/Differentiation Factor 15 / Macrophage Inhibitory Cytokine 1

#R00191

Size: 10 µg/100 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

Ala197-Ile308;Accession#Q99988

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile 4 mM HCl to a concentration of 0.5 mg/mL. Further dilutions should be made in appropriately buffered solutions.

Product Specification

Species	Human
Source	Escherichia coli.
Molecular Weight	Predicted molecular mass of approximately 12 kDa in SDS-PAGE under reducing condition.
Purity	> 95 % by SDS-PAGE analyses.
Biological Activity	Measured by its binding ability in a functional ELISA. When rHuGDF-15/MIC-1 is used at 0.5 µg/mL, the concentration of Recombinant Human Activin RIB/ALK-4 Fc Chimera that produces 50% of the optimal binding response is approximately 0.5-3 µg/mL.
Physical Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder.

Formulation	Lyophilized from 0.2 µm filtered concentrated solution in 4 mM HCl.
Endotoxin	Less than 0.1 EU/µg of rHuGDF-15/MIC-1 as determined by LAL method.