

Active Recombinant Cynomolgus GDF15 protein, His-tagged

Cat. No. GDF15-1483C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GDF15 protein(Ala197-Val308), fused with His tag, was expressed in E.coli .
Species	Cynomolgus
Source	E.coli
ProteinLength	197-308 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 0.085% TFA in 30% ACN with trehalose as protectant.
Bio-activity	Immobilized Cynomolgus GDF-15, His Tag at 1 µg/mL (100 µL/well) can bind Human GFR alpha-like, Fc Tag with a linear range of 0.8-25 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminusThe protein has a calculated MW of 14.4 kDa. The protein migrates as 16 kDa under reducing (R) condition (SDS-PAGE).
Proteinlength	Ala197-Val308
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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