

Active Recombinant Human GDF15 Protein

Cat. No. GDF15-268H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human GDF15 Protein(Q99988)(197-308 aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	197-308 aa
Form	Lyophilized from 0.2 µm filtered concentrated solution in 4 mM HCl.
Bio-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.
Molecular Mass	Predicted molecular mass of approximately 12 kDa in SDS-PAGE under reducing condition.
Endotoxin	Less than 0.1 EU/µg of rHuGDF-15/MIC-1 as determined by LAL method.
Purity	> 95 % by SDS-PAGE analyses.
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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name GDF15 growth differentiation factor 15 [Homo sapiens]

Official Symbol GDF15

Synonyms

GDF15; growth differentiation factor 15; growth/differentiation factor 15; MIC 1; MIC1; NAG 1; PDF; PLAB; prostate differentiation factor; PTGFB; NRG-1; PTGF-beta; placental TGF-beta; NSAID-activated gene 1 protein; NSAID-regulated gene 1 protein; macrophage inhibitory cytokine 1; placental bone morphogenetic protein; NSAID (nonsteroidal anti-inflammatory drug)-activated protein 1; MIC-1; NAG-1; GDF-15;

Gene ID 9518

mRNA Refseq NM_004864

Protein Refseq NP_004855

MIM 605312

UniProt ID Q99988

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA