

Active Recombinant Human GDF15 protein, His-tagged, Low Endotoxin

Cat. No. GDF15-4755H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GDF15 protein(Q99988-1)(Ala197-Ile308), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	197-308 aa
Form	Lyophilized from 0.22 µm filtered solution in 50mM HAc (pH 2.9). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human GDF15, His Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Human GFRAL, hFc Tag with the EC50 of 13.1 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 13.5 kDa. The protein migrates to 15-16 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

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](#)

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