

Recombinant Human Growth Differentiation Factor 15

Cat. No. GDF15-337H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	CHO
Description	Growth differentiation factor 15 (GDF15) is a protein belonging to the transforming growth factor beta superfamily that has a role in regulating inflammatory and apoptotic pathways in injured tissues and during disease processes. GDF15 is also known as TGF-PL, MIC-1, PDF, PLAB, and PTGFB. GDF15 is predominantly expressed in the liver, with lower levels seen in some other tissues.
Molecular Weight	The predicted molecular weight of Recombinant Human MIC-1 is Mr 13 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 14 kDa.
State Of Matter	Lyophilized.
Purity	>97% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated

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Freeze Thaw Cycles.

GENE INFORMATION

Gene Name [GDF15 growth differentiation factor 15 \[Homo sapiens \]](#)

Synonyms GDF15; growth differentiation factor 15; PDF; MIC1; PLAB; MIC-1;NAG-1; PTGFB; GDF-15; PTGF-beta; prostate differentiation factor; NSAID(nonsteroidal anti-inflammatory drug)-activatedprotein 1; NRG-1; Macrophage inhibitory cytokine 1; NSAID-activated gene1 protein; NSAID-regulated gene 1 protein; Placental TGF-beta; Placentalbone morphogeneticprotein

Gene ID [9518](#)

mRNA Refseq [NM_004864](#)

Protein Refseq [NP_004855](#)

MIM [605312](#)

UniProt ID [Q99988](#)

Chromosome Location 19p13.11

Function cytokine activity; growth factor activity

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