

Recombinant Human Growth Differentiation Factor 15

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

SPECIFICATION

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 Freeze Thaw Cycles.

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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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