

## Recombinant Human GDF15 protein(Ala197-Ile308)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GDF15 protein(Ala197-Ile308)(Q99988-1) is expressed from E.coli with His tag at the N-Terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala197-Ile308
<b>Form</b>	Lyophilized from 0.22 um filtered solution in 50mM HAc (pH 2.9). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Serial dilutions of Anti-GDF15 Antibody were added into Human GDF15, His Tag : Biotinylated Human GFRAL, His Tag binding reactions. The half maximal inhibitory concentration (IC50) is 40.8ng/ml.
<b>Molecular Mass</b>	The protein has a predicted MW of 13.5 kDa. The protein migrates to 15-16 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per ug by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3-6 months after reconstitution.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

2-8°C for 2-7 days after reconstitution.

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

**Reconstitution**

Centrifuge the tube before opening. Reconstituting to a concentration more than 100 ug/ml is recommended. Dissolve the lyophilized protein in 50mM HAc (pH 2.9).

## 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

**Tris-Bis PAGE**


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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127


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



**Blocking Data**

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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