

## Recombinant Human GDF15 protein(Ala197-Ile308), His-tagged

Cat. No. GDF15-20H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GDF15 (NP_004855.2) (Ala197-Ile308) was expressed in Yeast with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	Ala197-Ile308
<b>Form</b>	Lyophilized from sterile 50mM HAc, pH 2.9. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mature form of human GDF15 consists of 122 amino acids and predicts a molecular mass of 13.7 kDa. As a result of glycosylation, it migrates as an approximately 18.2 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

## GENE INFORMATION

<b>Gene Name</b>	GDF15 growth differentiation factor 15 [ Homo sapiens ]
<b>Official Symbol</b>	GDF15
<b>Synonyms</b>	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;
<b>Gene ID</b>	9518
<b>mRNA Refseq</b>	NM_004864
<b>Protein Refseq</b>	NP_004855
<b>MIM</b>	605312
<b>UniProt ID</b>	Q99988

 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