

# Recombinant Human GDF15 protein, His-tagged

**Cat. No.** GDF15-285H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human GDF15 protein is produced by E. coli expression system. This protein is fused with a His tag at N-terminal.                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Ala195-Ile308                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 16 kDa                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | ARARNGDHCPLGPGRCRLHTVRASLEDLGWADWVLSPREVQVTMCIGACPSQF<br>RAANMHAQIKTSLHRLKPDTVPAPCCVPASYNPMVLIQKTDGTGVSLQTYDDLLAKDC<br>HCl                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 95 %                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

 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

**Storage** Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution** Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

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

**Official Symbol** [GDF15](#)

**Synonyms** GDF15; MIC 1; MIC1; NAG 1; PDF; PLAB; PTGFB; NRG-1; PTGF-beta; placental TGF-beta; MIC-1; NAG-1; GDF-15;

**Gene ID** [9518](#)

**mRNA Refseq** [NM\\_004864](#)

**Protein Refseq** [NP\\_004855](#)

**MIM** [605312](#)

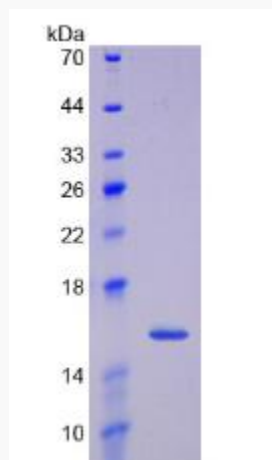
**UniProt ID** [Q99988](#)

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