

Recombinant Human GDF15 protein(Ala197-Ile308)

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

SPECIFICATION

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

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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

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Blocking Data