

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

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

SPECIFICATION

Product Overview	Recombinant Human GDF15 (NP_004855.2) (Ala197-Ile308) was expressed in Yeast with a polyhistidine tag at the N-terminus.
Species	Human
Source	Yeast
ProteinLength	Ala197-Ile308
Form	Lyophilized from sterile 50mM HAc, pH 2.9. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Purity	> 90 % as determined by SDS-PAGE.
Storage	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.
Reconstitution	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.

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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

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