

# Human GDF15 D Recombinant Protein



RPPB0313

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## Product Information    Protein Information

**Product SKU:**

RPPB0313

**Host:**

Escherichia Coli.

**Protein description:**

GDF15 D-variant (His substitutes Asp at position 7) Human Recombinant produced in E.Coli is a homodimeric, non-glycosylated, Polypeptide chain containing 2x113 amino acids and having a molecular mass of 24.5kDa. The GDF15 D-variant is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

GDF-15, MIC1, MIC-1, NAG-1, PDF, PLAB, PTGFB, Growth/differentiation factor 15, Placental bone morphogenetic protein, Placental TGF-beta, Macrophage inhibitory cytokine 1, Prostate differentiation factor, NSAID-activated gene 1 protein, NSAID-regulated gene 1 protein, NRG-1, GDF15.

**Formulation:**

GDF15 D-variant is lyophilized without additives.

**Purity:**

Greater than 95.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized GDF15 D-variant in sterile 5mM AcOH (acetic Acid) at a concentration of 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized GDF15 D-variant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GDF15 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MARNGDDCPL GPGRCRLHT VRASLEDLGW ADWVLSPREV QVTMCIGACP SQFRAANMHA QIKTSLHRLK  
PDTVPAPCCV PASYNPMVLI QKTDTGVSLQ TYDDLAKDC HCI.