

Human GDF15 Recombinant Protein



RPPB0312

Product Information Protein Information

Product SKU:

RPPB0312

Accession:

Q99988

Host:

Escherichia Coli.

Protein description:

Recombinant Human GDF15 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 151 amino acids (195-308) and having a molecular mass of 16.7 kDa(molecular weight on SDS-PAGE will appear higher).GDF15 is expressed with a 36 amino acid His tag fused at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

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:

The GDF15 protein solution contains 10mM sodium citrate, pH-3.5 & 10% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMARA RRGDHCPLGP GRCCRLHTVR
ASLEDLGWAD WVLSPREVQV TMCIGACPSQ FRAANMHAQI KTLHRLKPD TVPAPCCVPA SYNPMVLIQK
TDTGVSLQTY DDLAKDCHC I.