Biotinylated Human GDF15 Protein

Catalog # GDF15-HB001 Form: Lyophilized

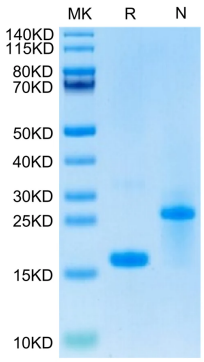
Product Details

Product description	Recombinant Biotinylated Human GDF15 Protein is expressed in E. coli with a His tag and Avi tag at the N-terminus. It contains amino acid residues Ala197-Ile308 (UniProt accession: Q99988-1).
Molecular aliases	GDF-15; MIC-1; NAG-1; PDF; PLAB; PTGFB; GDF15; MIC1; RG-1; Placental TGF-beta; PTGF-beta; PTGFBPTGF-beta; Placental TGF-β; PTGF-β; PTGFBPTGF-β; NAG1; RG1; Placental TGF-b; PTGF-b; PTGFBPTGF-b; Growth differentiation factor-15; Growth differentiation factor 15
Expression system	E. coli
Molecular weight	The protein has a predicted MW of 15.19 kDa same as Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 50 mM HAc (pH 2.9). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in 50mM HAc (pH 2.9). Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Biotinylated Human GDF15 on Bis-Tris PAGE under reduced (R) condition and Non reduced (N) condition. The purity is greater than 95%.