Biotinylated Human/Cynomolgus/Mouse/Rat GDF-8 Protein

Catalog # GDF8-HB001 Form: Lyophilized

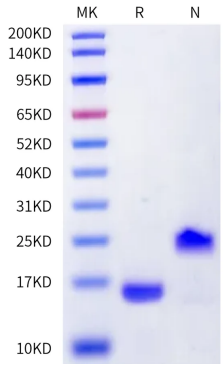
Product Details

Product description	Recombinant Biotinylated Human/Cynomolgus/Mouse/Rat GDF-8 Protein is expressed in HEK293 cells with an Avi tag at the C-terminus. It contains amino acid residues Asp267-Ser375 (Human/Cynomolgus) / Asp268-Ser376 (Mouse/Rat) (accession: O14793(Human) / Q95J86(Cynomolgus) / O08689(Mouse) / O35312(Rat)).
Molecular aliases	Myostatin; GDF8; Mstn; GDF-8; Myostatin; Growth differentiation factor-8; Growth differentiation factor 8
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 14.21 kDa. Due to glycosylation, the protein migrates to 15-18 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 0.1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in 4mM HCL. 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 4mM HCL. 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/Cynomolgus/Mouse/Rat GDF-8 on Bis-Tris PAGE under reduced (R) condition and Non reduced (N) condition. The purity is greater than 95%.