AVISCERA BIOSCIENCE

Human GDF-15 Fc Fusion (HEk293) Recombinant

Product Information

Code	00108-02-50
Name	Human GDF-Fc (HEK293)
Lot No.	
Size	50 μg
Species	Human
Sequence	Ala197-Ile308
Protein ID	NP_004855.2
Gene ID	NM_004864.3
MW	45 KD (glycosylated)
Tag	His tag on N terminus
Source	Human cells
Purity	>96% in SDS-PAGE gel
Formulation	TBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	100 μl

Description

A DNA sequence encoding the mature form of human GDF15 (Ala^{197}-Ile^{308}) with a human IgG1 Fc tag on the N-Terminus was expressed in HEK293 cells animal free. The recombinant human Fc/GDF15 is a disulfide-linked homodimeric protein. The reduced monomer consists of 370 amino acids and has a predicted molecular mass of 40.6 kDa. rhGDF15/Fc monomer migrates as an approximately 45 kDa protein in SDS-PAGE under reducing conditions.

Formulation

Lyophilized 50 μg Huma GDF15 Fc Fusion (HEK293) from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5, 5% trehalose, 5% mannitol, 0.01% Tween80. Carry free.

Endotoxin Levels

< 1.0 EU per 1 μg of the protein by the LAL method.

Reconstitution & Storage

Add 100 μl sterile water to the vial to prepare a working stock solution at 500 μg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 6 months from date of receipt at - 20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: mature form of human GDF15 (Ala^{197}-Ile^{308}) with a human IgG1 Fc tag on the N-Terminus

ORDER INFORMATION
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