

Recombinant Mouse Gdf10 protein, hFc-tagged

Cat. No. Gdf10-4014M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gdf10 protein(NP_665684.2)(Gln367-Arg476), fused with hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Gln367-Arg476
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse GDF10/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 370 amino acids and has a predicted molecular mass of 40.8 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmGDF10/Fc monomer is approximately 45 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Gdf10 growth differentiation factor 10 [Mus musculus]
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Official Symbol	Gdf10
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Synonyms	GDF10; growth differentiation factor 10; bone morphogenetic protein 3B; BMP-3b; GDF-10;
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Gene ID	14560
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mRNA Refseq	NM_145741
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Protein Refseq	NP_665684
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