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GDF3
Recombinant Human Growth Differentiation Factor 3

Catalog No.	CRG401A	**Quantity:**	20 µg
	CRG401B		100 µg
	CRG401C		1.0 mg

Alternate Names: Human GDF-3, GDF-3, GDF3, GDF 3, h-GDF-3, rh-GDF-3, recombinant human GDF-3, recombinant GDF-3, GDF

Gene ID: 9573

Protein Accession No: NP_065685

Description: GDF-3 is a member of the TGF-beta superfamily of growth and differentiation factors, and is highly homologous to GDF-9. Unlike most TGF-beta family members, GDF-3 and GDF-9 are not disulfide-linked dimers. GDF-3 is expressed in adult bone marrow, spleen, thymus, and adipose tissue. The expression of GDF-3 is upregulated in high-fat-fed wild-type FABP4/aP2 null mice and was associated with obesity, but not with the related hyperglycemia/hyperinsulinemia which characterizes Type-2 diabetes. Recombinant human GDF-3 contains 114 amino acids polypeptide chains.

Source: *E. coli*

Molecular Weight: 13 kDa

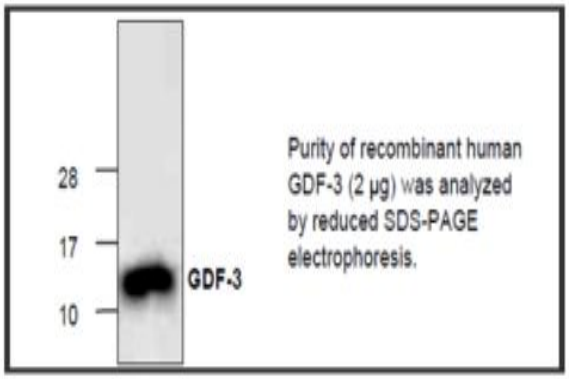
Formulation: Sterile filtered and lyophilized with no additive

Purity: > 98% as determined by SDS-PAGE and HPLC analyses

Endotoxin Level: < 0.1 ng/µg of GDF3

Reconstitution: **Centrifuge vial prior to opening**. First add sterile distilled water to the vial to fully solubilize the protein to a concentration of 0.1-1.0 mg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.

Storage & Stability: Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C. **Avoid repeated freeze-thaw cycles.**



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