

GDF-3, human recombinant protein

Growth/Differentiation Factor-3
Catalog # PBV10398r

Specification

GDF-3, human recombinant protein - Product info

Primary Accession O9NR23
Calculated MW 13 kDa KDa

GDF-3, human recombinant protein - Additional Info

Gene ID 9573 Gene Symbol GDF3

Other Names

Growth/Differentiation Factor-3

Gene Source Human Source E. coli

Assay&Purity SDS-PAGE; ≥98% Assay2&Purity2 HPLC; ≥98%

Recombinant Yes

Application Notes

Reconstitute in H_2O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers

Format

Lyophilized protein

Storage

-20°C; Sterile filtered and lyophilized with no additive

GDF-3, human recombinant protein - Protocols

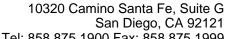
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GDF-3, human recombinant protein - Images

GDF-3, human recombinant protein - Background

GDF-3 is a member of the TGF-β superfamily of growth and differentiation factors, and is highly





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homologous to GDF-9. Unlike most TGF-β 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

GDF-3, human recombinant protein - References

Lorenz B., et al. Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases. Clark H.F., et al. Genome Res. 13:2265-2270(2003). Ye M., et al. Hum. Mol. Genet. 19:287-298(2010).