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32-20138: Recombinant Human GDF-3(Discontinued)

Reactivity : Mouse
Alternative Name : Growth/Differentiation Factor-3, Vgr-2, UNQ2222/PRO248

Description

Source:E.coliGDF-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 that characterizes Type 2 diabetes. Recombinant Human GDF-3 is a 26.0 kDa non-disulfide-linked homodimer containing two 114 amino acid polypeptide chains.

Product Info

Amount : 5 µg / 20 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : AAIPVPKLSC KNLCHRHQLF INFRDLGWHK WIIAPKGFMA NYCHGECPFS LTISLNSSNY AFMQALMHAV DPEIPQAVCI PTKLSPISML YQDNNDNVIL RHYEDMVVDE CGCG

Application Note

Determined by its ability to inhibit induced alkaline phosphatase production by ATDC-5 chondrogenic cells. TheÃ Â $ED_{50}$for this effect is 100-150 ng/ml.