

32-20562: Recombinant Human GDF-2(Discontinued)

Reactivity : Human, Mouse

Alternative Name : Growth/Differentiation Factor-2, BMP-9

Description

Source:CHO cells

GDF-2 belongs to the TGF-Beta cytokine family, whose members play an important role during prenatal development and postnatal growth, and the remodeling and maintenance of a variety of tissues and organs. GDF-2 is expressed mainly in non-parenchymal cells of the liver, but is also found in other various cells and tissues. GDF-2 can signal through the ALK1 receptor, and has been implicated in a number of physiologic events including the regulation of the hepatic reticuloendothelial system, glucose homeostasis, iron homeostasis, and the inhibition of angiogenesis. Recombinant Human GDF-2 is a 24.1 kDa disulfide-linked homodimeric protein consisting of two 110 amino acid polypeptide chains.

Product Info

Amount : 2 µg / 10 µg

Purification : Purity: >= 95% by SDS-PAGE gel and HPLC analyses.

Content : This recombinant protein is supplied in lyophilized form.

Amino Acid : SAGAGSHCQK TSLRVNFEDI GWDSWIIAPKE YEAYECKGGC FFPLADDVTPTK HAIVQTLVHL
KFPTKVGKAC CVPTKLSPI S VLYKDDMGVP TLKYHYEGMS VAECGCR

Application Note

Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED_{50} for this effect is 0.5-1.9 ng/ml.