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32-9426: Recombinant Human LongIGF-II

Alternative Name : Insulin-Like Growth Factor II; IGF-II; Somatomedin-A; IGF2; PP1446

Description

Source : E. coli;
Insulin-Like Growth Factor II (IGF2) belongs to the insulin family of polypeptide growth factors that is involved in development and growth. Members of this family are structurally homologous to proinsulin, and share higher sequence identity. IGF2 is expressed only from the paternally inherited allele and believed to be secreted by the liver and to circulate in the blood. IGF2 possess growth-promoting activity and can stimulate the proliferation and survival of various cell types including muscle, bone, and cartilage tissue in vitro. IGF2 is influenced by placental lactogen and may play a role in fetal development.

Product Info

Amount : 500 µg / 50 µg
Purification : Greater than 95% as determined by reducing SDS-PAGE.
Content : Lyophilized from a 0.2 µm filtered solution of 5mM Hac, pH ~3.0.
Amino Acid : Recombinant Human Long Insulin-Like Growth Factor II is produced by our E.coli expression system and the target gene encoding Ala25-Glu91 is expressed.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.