

Recombinant Human Insulin-Like Growth Factor II/IGF2 Protein

Cat.NO.: TP04933

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:8.9 kDa

Sequences:Ala25-Glu91

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.