



Recombinant Human Insulin-Like Growth Factor-Binding Protein 5/IGFBP-5 Protein(C-6His)

Cat.NO.: TP05832

3th Edition

Synonyms:Insulin-Like Growth Factor-Binding Protein 5; IBP-5; IGF-Binding Protein 5; IGFBP-5; IGFBP5; IBP5

Description:Insulin-Like Growth Factor-Binding Protein 5 (IGFBP-5) is a secreted protein that belongs to the insulin-like growth factor (IGF) binding proteins superfamily. Members of this family prolong the half-life of the IGFs. They have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. IGFBP-5 contains one IGFBP N-terminal domain and one thyroglobulin type-1 domain. IGFBP-5 is expressed by fibroblasts, myoblasts and Osteosarcoma. It is also present at lower levels in liver, kidney, and brain.

Form:PBS

Molecular Weight:29.6 kDa

Sequences:Leu21-Glu272

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.