

IGF2, 25-91aa, Human, E.coli

Cat.NO.: TP02581

3th Edition

Synonyms:Insulin-like growth factor 2, Somatomedin-A, INSIGF

Description:IGF2, as known as insulin-like growth factor 2, is mitogenic polypeptide growth factors that stimulate the proliferation and survival of various cell types including muscle, bone, and cartilage tissue in vitro. This protein is a fetal growth factor, influenced by placental lactogen and abundantly expressed by placental trophoblasts.

Form:Liquid. In phosphate-buffered saline (pH 7.4) containing 10% glycerol

Molecular Weight:7.6 kDa (68aa), confirmed by MALDI-TOF

Sequences:

MAYRPSETLCGGELVDTLQFVCGDRGFYFSRPASRVSRRSRGIVEECCFRSCDLALLETYCATPAKSE

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

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.