

GDF-10, 369-478 aa, Human, Recombinant, E.coli

Cat.NO.: TP02218

3th Edition

Synonyms:Growth differentiation factor 10, BMP-3b, BMP3B, BIP

Description:GDF10 (Growth differentiation factor 10) is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. It is expressed in femur, brain, lung, skeletal, muscle, pancreas and testis, and it plays a role in head formation and may have multiple roles in skeletal morphogenesis. This group of proteins is characterized by a polybasic proteolytic processing site which is cleaved to produce a mature protein containing seven conserved cysteine residues.

Form:Liquid. In 10 mM sodium citrate (pH 3.5) containing 10% glycerol.

Molecular Weight:12.5 kDa (111aa)

Sequences:

MQWDEPRVCSRRYLKVDFA DIGWNEWIISPKSFDAYYCAGACEFPMPKIVRPSNHATIQSIVRAVGIIPGIPEPCCVP
DKMNSLGVLFLDENRNVVLKVYPNMSVDTACR

Purity:> 95% by HPLC

Concentration:1 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.