

**GDF11, 299-407aa, Human, His tag, E.coli**

**Cat.NO.: TP02221**

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3th Edition

**Synonyms:**Growth/differentiation factor 11, BMP-11, BMP11

**Description:**GDF11 also known as growth/differentiation factor 11. The protein secreted signal that acts globally to specify positional identity along the anterior/posterior axis during development. These play critical roles in patterning both mesodermal and neural tissues and in establishing the skeletal pattern. Recombinant human GDF11, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

**Molecular Weight:**14.8kDa (132aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSNLGLDCDEHSSESRCRYPLTVDFEAFGWDWIIAPKRYKANYCSGQCEYM  
FMQKYPHTHLVQQANPRGSAGPCCTPTKMSPINMLYFNDKQQIYGKIPGMVVDRCGCS

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.