

Recombinant human BMP-11/GDF-11 protein

Catalog Number: ATGP3027

PRODUCT INFORMATION

Expression system

E.coli

Domain

299-407aa

UniProt No.

O95390

NCBI Accession No.

NP_005802

Alternative Names

Growth/differentiation factor 11, BMP-11, BMP11, Bone morphogenetic protein 11

PRODUCT SPECIFICATION

Molecular Weight

14.8 kDa (132aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSNLGLDCD EHSSESRCR YPLTVDFEAF GWDWIIAPKR YKANYCSGQC

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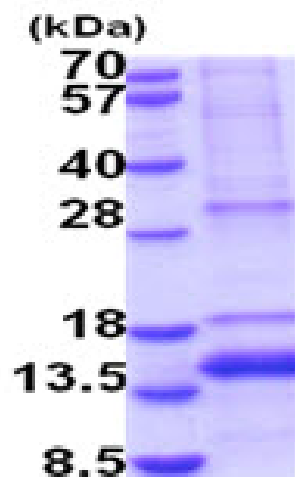
EYMFMQKYPH THLVQQANPR GSAGPCCTPT KMSPINMLYF NDKQQIIYGK IPGMVVDRCG CS

General References

Gamer L.W., et al. (1999) Dev. Biol. 208:222-232

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)