

## Product datasheet for AR51847PU-N

#### OriGene Technologies, Inc.

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### BMP11 / GDF11 (299-407, His-tag) Human Protein

#### **Product data:**

**Product Type: Recombinant Proteins** 

Description: BMP11 / GDF11 (299-407, His-tag) human recombinant protein, 0.5 mg

Species: Human E. coli **Expression Host:** 

**Expression cDNA Clone** 

MGSSHHHHHH SSGLVPRGSH MGSNLGLDCD EHSSESRCCR YPLTVDFEAF GWDWIIAPKR or AA Sequence: YKANYCSGQC EYMFMQKYPH THLVQQANPR GSAGPCCTPT KMSPINMLYF NDKQQIIYGK

**IPGMVVDRCG CS** 

Tag: His-tag Predicted MW: 14.8 kDa Concentration: lot specific

**Purity:** >85% by SDS - PAGE

**Buffer:** Presentation State: This purified protein is available in a denatured form, making it less

suitable for functional studies. Denatured proteins are better suited for applications like

Western Blot (WB) or imaging assays.

State: Liquid purified protein

Buffer System: Liquid, In 20 mM Tris-HCl (pH 8.0) containing 10% glycerol

Preparation: Liquid purified protein

**Protein Description:** Recombinant human GDF11, fused to His-tag at N-terminus, was expressed in E.coli.

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch. Stability:

RefSeq: NP 005802

10220 Locus ID:

**UniProt ID:** 095390, A0A024RB20

Cytogenetics: 12q13.2

Synonyms: BMP-11, GDF-11, Bone morphogenetic protein 11





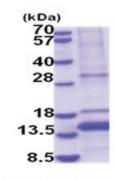
**Summary:** 

This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein plays a role in the development of the nervous and other organ systems, and may regulate aging. [provided by RefSeq, Aug 2016]

**Protein Families:** 

Druggable Genome, Secreted Protein

# **Product images:**



15% SDS-PAGE (3ug)