# Recombinant Human/Mouse/Rat GDF-11/BMP-11 Protein

**Catalog No.: RP00378LQ**

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## Sequence Information

**Species**
Human

**Gene ID**
10220

**Swiss Prot**
O95390

**Tags**
No tag

**Synonyms**
BMP-11; BMP11

## Product Information

**Source**
HEK293 cells

**Purification**
≥ 95 % as determined by SDS-PAGE.

**Calculated MW**
12.5 kDa

**Observed MW**
13-20 kDa

**Endotoxin**
< 1 EU/μg of the protein by LAL method.

**Formulation**
Supplied as a 0.22 μm filtered solution in 20mM Tris-HCl, 50% glycerol, pH 7.4.

**Reconstitution**
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

This protein is a member of the bone morphogenetic protein (BMP) family and the TGF-beta superfamily. 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. The members of this family are regulators of cell growth and differentiation in both embryonic and adult tissues. Studies in mice and Xenopus suggest that this protein is involved in mesodermal formation and neurogenesis during embryonic development.

## Basic Information

**Description**
Recombinant Human/Mouse/Rat GDF-11/BMP-11 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Asn299-Ser407) of human GDF-11/BMP-11 (Accession #O95390).

**Activity**

**Shipping**
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

**Storage**
Store at -70℃

**Operational Notes**
For your safety and health, please wear a lab coat and disposable gloves for handling.

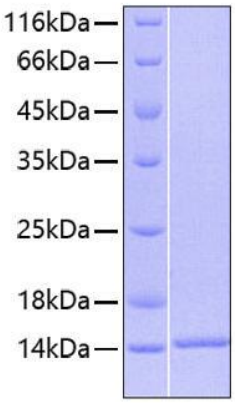
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## Validation Data




Recombinant Human/Mouse/Rat GDF-11/BMP-11 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.