

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

Catalog No.: RP00378LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	10220	O95390

### Tags

No tag

### Synonyms

BMP-11; BMP11

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

### 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).

### Bio-Activity

### Storage

This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

## Contact

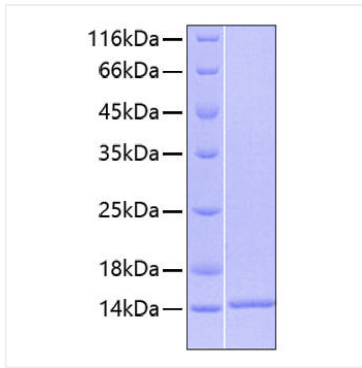
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## Validation Data

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Recombinant Human/Mouse/Rat GDF-11/BMP-11 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 14 kDa.