

## Active Recombinant Rat Gdf11 protein

**Cat. No.** Gdf11-1080R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Gdf11(Asn299-Ser407) was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn299-Ser407
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
<b>Bio-activity</b>	Measured by its ability to induce hemoglobin expression in K562 human chronic myelogenous leukemia cells. Schwall, R.H. et al. (1991) Method Enzymol. 198:340. The ED50 for this effect is typically 0.8-4.8 ng/mL.
<b>Molecular Mass</b>	Predicted Molecular Mass12.6 (monomer) kDa
<b>Endotoxin</b>	<0.01 eu="" per="" 1="" µg="" of="" the="" protein="" by="" the="" lal="">
<b>Purity</b>	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.12 months from

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

date of receipt, -20 to -70 centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after reconstitution.3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

**Reconstitution**

Reconstitute at 100 µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

**Shipping**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## GENE INFORMATION

**Gene Name**

Gdf11 growth differentiation factor 11 [ [Rattus norvegicus](#) ]

**Official Symbol**

[Gdf11](#)

**Synonyms**

GDF11; growth differentiation factor 11; growth/differentiation factor 11; GDF-11; bone morphogenetic protein 11; BMP-11;

**Gene ID**

[29454](#)

**mRNA Refseq**

[NM\\_017203](#)

**Protein Refseq**

[NP\\_058899](#)

**MIM**
**UniProt ID**
**Chromosome**

7q11

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**Function**

cytokine activity; growth factor activity; molecular\_function;

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