

Active Recombinant Rat Gdf11 protein

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

SPECIFICATION

Product Overview	Recombinant Rat Gdf11(Asn299-Ser407) was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Asn299-Ser407
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µm filtered solution in Acetonitrile and TFA with BSA as a carrier protein.
Bio-activity	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.
Molecular Mass	Predicted Molecular Mass12.6 (monomer) kDa
Endotoxin	<0.01 eu="" per="" 1="" µg="" of="" the="" protein="" by="" the="" lal="">
Purity	>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.12 months from

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 Email: 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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