

## Recombinant Rat Fgf7 Protein, His&GST-tagged

Cat. No. Fgf7-1499R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Fgf7 Protein (Cys32-Thr194) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Cys32-Thr194
<b>Description</b>	Enables growth factor activity; heparin binding activity; and type 2 fibroblast growth factor receptor binding activity. Involved in several processes, including ovarian follicle development; phosphatidylcholine biosynthetic process; and surfactant homeostasis. Located in extracellular space. Orthologous to human FGF7 (fibroblast growth factor 7).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 47.8 kDa Accurate Molecular Mass: 44/47 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 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

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

[Fgf7 fibroblast growth factor 7 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Fgf7](#)

**Synonyms**

FGF7; fibroblast growth factor 7; FGF-7; HBGF-7; keratinocyte growth factor; heparin-binding growth factor 7; Kgf;

**Gene ID**

[29348](#)

**mRNA Refseq**

[NM\\_022182](#)

**Protein Refseq**

[NP\\_071518](#)

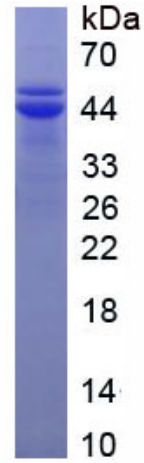
**UniProt ID**

[Q02195](#)

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