

Recombinant Rat Fgf1 protein, His & GST-tagged

Cat. No. Fgf1-631R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgf1 (P61149) aa. (Phe16~Asp155) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe16~Asp155
Description	May play a role in neurite outgrowth; may regulate cell differentiation in the nervous system; may act in synergy with fibronectin to enhance neuronal cell adhesion.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C 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°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

[Fgf1 fibroblast growth factor 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Fgf1](#)

Synonyms

Fgf1; fibroblast growth factor 1; FGF-1; HBGF1; HBGF-1; Fibroblast growth factor 1 (heparin binding); aFGF; acidic fibroblast growth factor; fibroblast growth factor 1 (acidic); heparin-binding growth factor 1

Gene ID

[25317](#)

mRNA Refseq

[NM_012846.1](#)

Protein Refseq

[NP_036978.1](#)

UniProt ID

[P61149](#)

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