

Recombinant Rat Fgf19 protein, His-tagged

Cat. No. Fgf19-1815R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgf19 aa. (Gly25~Lys218) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly25~Lys218
Description	Member of the fibroblast growth factor (FGF) family; implicated in activities including embryonic development, cell growth, morphogenesis, tissue growth, and tumor growth and invasion.
Form	Freeze-dried powder
Molecular Mass	24kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	6.6

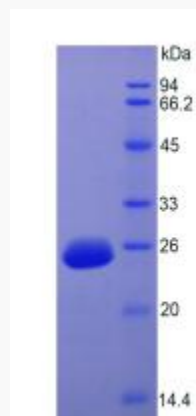
GENE INFORMATION

Gene Name	Fgf19 fibroblast growth factor 19 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Fgf19
Synonyms	Fgf19; fibroblast growth factor 19; Fgf15; fibroblast growth factor 19; fibroblast growth factor 15
Gene ID	170582
mRNA Refseq	NM_130753.1
Protein Refseq	NP_570109.1
UniProt ID	Q8VI81

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SDS-PAGE

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