

Recombinant Rat Fgf10 protein, His & GST-tagged

Cat. No. Fgf10-1927R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgf10 aa. (Gln37~Ser215 (Accession # P70492)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln37~Ser215
Description	Binds the KGFR receptor, a splice variant of FGFR-2; may contribute to tissue regeneration and angiogenesis after acute pancreatitis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.1kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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

Supplied as lyophilized form in 10mM PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

GENE INFORMATION

Gene Name

Fgf10 fibroblast growth factor 10 [Rattus norvegicus (Norway rat)]

Official Symbol

Fgf10

Synonyms

MYL3; myosin light chain 3; CMH8; VLC1; VLCL; MLC1V; MLC1SB; MLC-IV/sb; CMLC1; cardiac myosin light chain 1; myosin light chain 1, slow-twitch muscle B/ventricular isoform; myosin, light chain 3, alkali; ventricular, skeletal, slow; myosin, light polypeptide 3, alkali; ventricular, skeletal, slow; ventricular myosin alkali light chain; ventricular myosin light chain 1; ventricular/slow twitch myosin alkali light chain

Gene ID

25443

mRNA Refseq

NM_012951.1

Protein Refseq

NP_037083.1

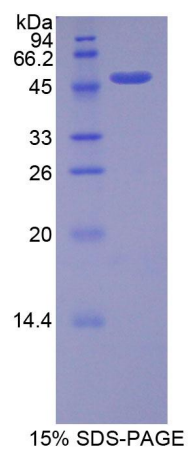
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UniProt ID

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SDS-PAGE

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