

FUJIFILM

Wako

Code No. 067-06591 (100 μg)
063-06593 (100 $\mu\text{g} \times 5$)

Fibroblast Growth Factor Chimera (FGFC), recombinant

線維芽細胞成長因子キメラ (FGFC), 組換え体

Source : *E. coli* expressed chimera protein of human FGF-acidic and FGF-basic

Formulation : Lyophilized from a 1 mg/mL solution of 20 mmol/L Tris-HCl (pH 7.4), 1 mol/L NaCl.

Molecular weight : approx. 15,500

Reconstitution : Reconstitute in distilled water to a concentration of 0.1-1.0 mg/mL. *Do not vortex.*
This solution can then be diluted into other aqueous buffers.

[**Expiration date**] Indicated on the label.

[**Storage**] Store at -20°C .

[References]

- 1) Motomura, K. *et al.*, "An FGF1 : FGF2 chimeric growth factor exhibits universal FGF receptor specificity, enhanced stability and augmented activity useful for epithelial proliferation and radioprotection.", *Biochimica et Biophysica Acta*, **1780**, 1432-1440 (2008).
- 2) Nakayama, F. *et al.*, "Post treatment with an FGF chimeric growth factor enhances epithelial cell proliferation to improve recovery from radiation-induced intestinal damage.", *Int. J. Radiation Oncology Biol. Phys.*, **78**(3), 860-867 (2010).
- 3) Onuma, Y. *et al.*, "A stable chimeric fibroblast growth factor (FGF) can successfully replace basic FGF in human pluripotent stem cell culture.", *PLoS ONE*, **10**(4) : e0118931 (2015).

[Package]

Code No.	Packaging
067-06591	100 μg
063-06593	100 $\mu\text{g} \times 5$

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