FGF-8B, Human, Recombinant

Cat. No. : PCK225

General Information

Synonyms	Fibroblast Growth Factor 8;Androgen-induced Growth Factor;Heparin-binding Growth Factor 8;AIGF;HBGF-8;FGF-8B
Species	Human
Expression host	E.coli
Sequence	Gln23-Arg215
Accession	P55075-3/P37237-2
Mol mass	22.5 kDa
Expiration date	12 months
Bio activity	Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 9.32 ng/mL.

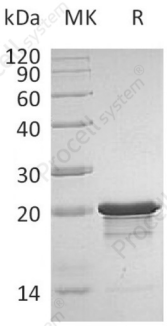
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 300 mM NaCl, 2% Sucrose, 0.02% Tween 80, pH7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

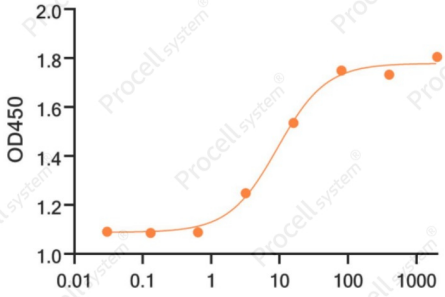
Background

Fibroblast Growth Factor 8 (FGF-8) is a member of the fibroblast Growth Factor family. It is discovered as a Growth Factor essential for the androgen-dependent growth of mouse mammary carcinoma cells. Mouse FGF-8b shares 100% aa identity with human FGF-8b. FGF-8 is widely expressed during embryogenesis, and mediates epithelial-mesenchymal transitions. It plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. It is required for normal brain, eye, ear, limb development during embryogenesis and normal development of the gonadotropin-releasing hormone (GnRH) neuronal system.

SDS-PAGE



Bio activity



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