

Product Name: Recombinant Human/Mouse FGF-8b
Catalog #: PEV0663

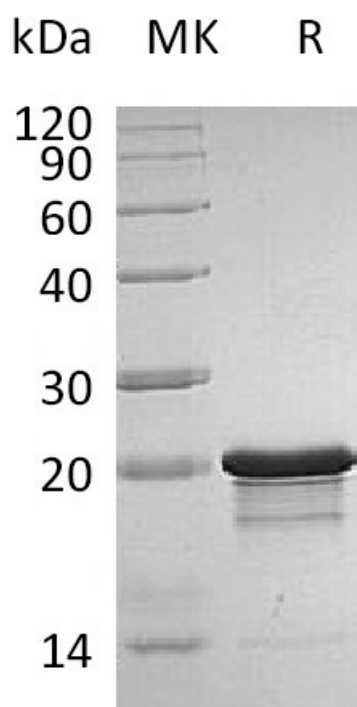


Summary

Name	FGF-8b/Fibroblast growth factor 8/AIGF/HBGF-8
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<0.01 EU/μg as determined by LAL test.
Construction	Recombinant Human/Mouse Fibroblast Growth Factor 8B is produced by our E.coli expression system and the target gene encoding Gln23-Arg215 is expressed.
Accession #	P55075-3/P37237-2
Host	E.coli
Species	Human/Mouse
Predicted Molecular Mass	22.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB,300mM NaCl,2% Sucrose,0.02% Tween 80,pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -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 ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Fibroblast growth factor 8; Androgen-induced growth factor; Heparin-binding growth factor 8; AIGF; HBGF-8; FGF-8B

Background

Fibroblast growth factor 8 (FGF/xad8) is a member of the fibroblast growth factor family. It is discovered as a growth factor essential for the androgen-/xaddependent growth of mouse mammary carcinoma cells. Mouse FGF/xad8b shares 100% aa identity with human FGF/xad8b. FGF/xad8 is widely expressed during embryogenesis, and mediates epithelial/xad-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.

Note

For Research Use Only , Not for Diagnostic Use.