

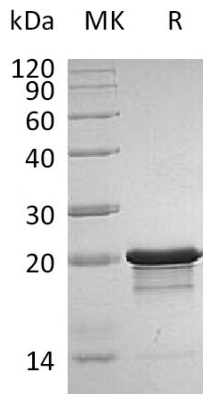
重组人/小鼠成纤维细胞生长因子8b(FGF-8b)

Fibroblast growth factor 8(FGF-8b),Human/Mouse,Recombinant

Cat. No.: MA1325-1 Size: 10μg

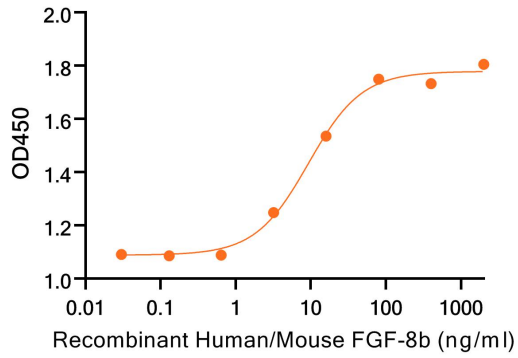
Source:	E.coli
Description:	Recombinant Human/Mouse Fibroblast Growth Factor 8B is produced by our E.coli expression system and the target gene encoding Gln23-Arg215 is expressed.
Accession:	P55075-3/P37237-2
Known As:	Fibroblast growth factor 8; Androgen-induced growth factor; Heparin-binding growth factor 8; AIGF; HBGF-8; FGF-8B
Predicted Mol Mass:	22.5 KDa
Apparent Mol Mass:	23 KDa, reducing conditions
Endotoxin:	< 0.01 EU/μg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μm filtered solution of 20mM PB,300mM 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 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
Background:	Fibroblast growth factor 8 (FGF8) 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 FGF8b shares 100% aa identity with human FGF8b. FGF8 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.
Purity-SDS-PAGE:	





Greater than 95% as determined by reducing SDS-PAGE.

Bioactivity-Cell Based Assay:



Measured in a cell proliferation assay using BALB/c 3T3 cells. The ED50 for this effect is 9.32 ng/ml (Regularly tested).

