

## Recombinant human FGF-8b protein (Active, E.coli)

Catalog Number: bs-48063P

Species: Human

AA Seq: 23-215/215

Predicted MW: 22.4

Tags: Tag free

Activity: Yes

Endotoxin:  $\leq 10$  EU/mg

Purity:  $\geq 95\%$  as determined by SDS-PAGE.

Purification: AC

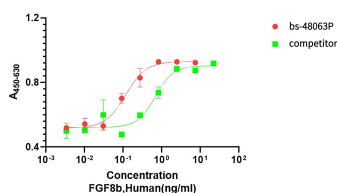
Form: Lyophilized

Storage: Lyophilized from a 0.22 $\mu$ m-filtered solution containing 10mM PB, 5% Trehalose and 0.01% Tween 80, pH7.4

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution.

**Background:** Keratinocyte growth factor precursor (KGF) (Fibroblast growth factor 8; FGF-8; HBGF-8). Stimulates growth of the cells in an autocrine manner. Mediates hormonal action on the growth of cancer cells. Cooperates with Wnt-1 in mouse mammary tumor virus-induced murine mammary tumorigenesis. [Subcellular location] Secreted. [Tissue specificity] Absent in normal mammary glands and detected only in adult testis and ovary and in midgestational embryos. [Induction] By androgens. Belongs to the heparin-binding growth factors family.

### VALIDATION IMAGES



Measured in a cell proliferation assay using NIH3T3 cells. The ED50 is  $\leq 1.0$  ng/ml.