

Recombinant Human Fibroblast Growth Factor 8/FGF-8F Protein (N-6His)

Cat.NO.: TP05510

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:27.7 kDa

Sequences:Gln23-Arg244

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.