

## 32-8582: Recombinant Human Fibroblast Growth Factor 8/FGF-8F (N-6His)(Discontinued)

**Gene :** FGF8  
**Gene ID :** 2253  
**Uniprot ID :** P55075

### Description

Source: E.coli.  
MW :27.7kD.

Recombinant Human Fibroblast growth factor 8f is produced by our E.coli expression system and the target gene encoding Gln23-Arg244 is expressed with a 6His tag at the N-terminus. Fibroblast growth factor 8 (FGF $\hat{A}$ 8) is a member of the fibroblast growth factor family. It is discovered as a growth factor essential for the androgen- $\hat{A}$ dependent growth of mouse mammary carcinoma cells. Mouse FGF $\hat{A}$ 8b shares 100% aa identity with human FGF $\hat{A}$ 8b. FGF $\hat{A}$ 8 is widely expressed during embryogenesis, and mediates epithelial $\hat{A}$ -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.

### Product Info

**Amount :** 10  $\mu$ g / 50  $\mu$ g  
**Content :** Lyophilized from a 0.2  $\mu$ m filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 1mM DTT,pH 7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMQEGPGRGPALGRELASLFRAGREPQGVSSQVTVQSSPNFTQHVREQSLVT DQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAKLIVETDTFGSRVVRVGAETGLYICMNKKGKLIAS KSNKGKDCVFTEIVLENNYTALQNAKYEGWYMAFTRKGRPRKGSKTRQHQRVHFMKRLPRGHHTTEQSLR FEFLNYPFTRSLRGSQRTWAPEPR

### Application Note

**Endotoxin :** Less than 0.1 ng/ $\hat{A}$  $\hat{A}$  $\mu$ g (1 IEU/ $\hat{A}$  $\hat{A}$  $\mu$ g) as determined by LAL test.