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## Product Datasheet

### Recombinant Human FGF-8f (N-6His) EBT-EPT209

|                            |                                                                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Recombinant Human FGF-8f (N-6His)                                                                                                                                                      |
| Biozol Catalog Number      | EBT-EPT209                                                                                                                                                                             |
| Supplier Catalog Number    | EPT209                                                                                                                                                                                 |
| Alternative Catalog Number | EBT-EPT209-10                                                                                                                                                                          |
| Manufacturer               | ELK Biotechnology                                                                                                                                                                      |
| Category                   | Proteine/Peptide                                                                                                                                                                       |
| Product Description        | 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.... |
| Molecular Weight           | Molecular weight: 27.7 KDa. Apparent molecular weight: 30 KDa, reducing conditions                                                                                                     |
| UniProt                    | <a href="#">P55075</a>                                                                                                                                                                 |
| Purity                     | Greater than 95% as determined by reducing SDS-PAGE.                                                                                                                                   |

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| Application Notes | <p>Redissolve: 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.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. 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</p> |
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