

## Active GMP Recombinant Human FGF8 protein, Fc-tagged

**Cat. No.** FGF8-047HG    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | GMP Recombinant Human FGF8 protein(NP_149355.1)(431 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines. |
| <b>Species</b>          | Human                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                |
| <b>ProteinLength</b>    | DNA sequence encoding Human FGF-8b(NP_149355.1) was expressed with Fc tag at the C-terminal.                                                                                          |
| <b>Bio-activity</b>     | $\geq 1 \times 10^6$ IU/mg                                                                                                                                                            |
| <b>Molecular Mass</b>   | Recombinant Human FGF-8b contains 431 aa. It has a predicted MW of 49.3 kDa.                                                                                                          |
| <b>Endotoxin</b>        | $\leq 0.01$ EU/ug                                                                                                                                                                     |
| <b>Purity</b>           | $\geq 95\%$ by SDS-PAGE and HPLC                                                                                                                                                      |
| <b>Storage</b>          | The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing                |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.         |

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## GENE INFORMATION

|                 |                                                                     |
|-----------------|---------------------------------------------------------------------|
| Gene Name       | FGF8 fibroblast growth factor 8 (androgen-induced) [ Homo sapiens ] |
| Official Symbol | FGF8                                                                |
| Synonyms        | HH6; AIGF; KAL6; FGF-8; HBGF-8                                      |
| Gene ID         | 2253                                                                |
| mRNA Refseq     | NM_001206389                                                        |
| Protein Refseq  | NP_001193318                                                        |
| MIM             | 600483                                                              |
| UniProt ID      | P55075                                                              |

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