

FGF-8e Protein, Human (N-His)

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| Cat. No.: | HY-P7349A |
| Synonyms: | Fibroblast growth factor 8; Androgen-induced growth factor; Heparin-binding growth factor 8; AIGF; HBGF-8; FGF-8B |
| Species: | Human |
| Source: | E. coli |
| Accession: | P55075 (Q23-R233) |
| Gene ID: | 2253 |
| Molecular Weight: | Approximately 26 kDa |

PROPERTIES

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| AA Sequence | <p> Q E G P G R G P A L G R E L A S L F R A G R E P Q G V S Q Q H V R E Q S L V T D Q L S R R L I R T Y Q L Y S R T S G K H V Q V L A N K R I N A M A E D G D P F A K L I V E T D T F G S R V R V R G A E T G L Y I C M N K K G K L I A K S N G K G K D C V F T E I V L E N N Y T A L Q N A K Y E G W Y M A F T R K G R P R K G S K T R Q H Q R E V H F M K R L P R G H H T T E Q S L R F E F L N Y P P F T R S L R G S Q R T W A P E P R </p> |
| Biological Activity | Measured in a cell proliferation assay using Balb/3T3 mouse fibroblast cells. The ED ₅₀ for this effect is 1.064 µg/mL, corresponding to a specific activity is 939.85 units/mg. |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm filtered solution of 50 mM Tris-HCL, 300 mM NaCl, 200 mM arginine, pH 8.0. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | Fibroblast Growth Factor 8 is an essential factor during embryonic development, overexpressed in several tumor types. Fibroblast Growth Factor 8 stimulates anti-apoptotic pathways and prevents tumor cell death ^[1] . |
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Caution: Product has not been fully validated for medical applications. For research use only.

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