



# Certificate of Analysis

## KGF-2/FGF-10 Protein, Human (169a.a)

|                   |                         |
|-------------------|-------------------------|
| Cat. No.:         | HY-P7048                |
| Batch No.:        | 437226                  |
| Species:          | Human                   |
| Source:           | <i>E. coli</i>          |
| Tag:              | Tag Free                |
| Accession:        | O15520 (L40-S208)       |
| Gene ID:          | 2255                    |
| Molecular Weight: | Approximately 19-22 kDa |

### ANALYTICAL DATA

| TEST                | Specifications  | Results     |
|---------------------|---|-------------|
| Purity              | Greater than 95% as determined by reducing SDS-PAGE.  | ≥98.0%      |
| Endotoxin Level     | <1 EU/μg, determined by LAL method.   | PASS        |
| Biological Activity | Measured in a cell proliferation assay using 4MBr-5 rhesus monkey epithelial cells. The ED <sub>50</sub> for this effect is ≤84.07 ng/mL, corresponding to a specific activity is ≥1.2×10 <sup>4</sup> Unit/mg.   | 10.33 ng/mL |
| Appearance          | Lyophilized powder  |             |
| Reconstitution      | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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.   |             |

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA