

## FGFR-1 beta Protein, Human (HEK293, His)

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|-------------------|--|
| Cat. No.:         | HY-P73055  |
| Synonyms:         | Fibroblast growth factor receptor 1; FGFR-1; BFGFR; FLT-2; CD331; CEK; FGFR, FLG |
| Species:          | Human  |
| Source:           | HEK293   |
| Accession:        | P11362-14/NP_075594.1 (R22-E285)   |
| Gene ID:          | 2260   |
| Molecular Weight: | 50-55 kDa  |

### PROPERTIES

|                     |   |
|---------------------|---|
| AA Sequence         | MWSWKCLLFW    AVLVTATLCT    ARPSPTLPEQ    DALPSSSEDD<br>DDDDSSSEK    ETDNTKPNPV    APYWTSPEKM    EKKLHAVPAA<br>KTVKFCKPSS    GTPNPTLRWL    KNGKEFKPDH    RIGGYKVR YA<br>TWSIIMDSVV    PSDKGN YTCI    VENEYGSINH    TYQLDVVERS<br>PHRPILQAGL    PANKTVALGS    NVEFMCKVYS    DPQPHIQWLK<br>HIEVNGSKIG    PDNLPYVQIL    KTAGVNTTDK    EMEVLHLRNV<br>SFEDAGEYTC    LAGNSIGLSH    HSAWLTVLEA    LEERP AVMTS<br>PLYLE |
| Biological Activity | 1.The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.<br>2.Measured by its ability to inhibit FGF-acidic dependent proliferation of Balb/c 3T3 mouse fibroblasts. The ED <sub>50</sub> for this effect is typically 100-600 ng/mL.   |
| Appearance          | Lyophilized powder  |
| Formulation         | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.   |
| 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 <sub>2</sub> O.   |
| 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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.   |
| Shipping            | Room temperature in continental US; may vary elsewhere.   |

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**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