



# Certificate of Analysis

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

Cat. No.:	HY-P700436
Batch No.:	263333
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	NP_075594.1 (R22-E285)
Gene ID:	2260
Molecular Weight:	97.5-110 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	91.87%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit FGF acidic-dependent proliferation of NIH-3T3 mouse fibroblast cells. The ED <sub>50</sub> for this effect is 1.096 ng/mL in the presence of 1ng/mL human FGF-1, corresponding to a specific activity is 9.12×10 <sup>5</sup> units/mg.	PASS
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.**

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