



# Certificate of Analysis

## FGF-basic Protein, Salmon

Cat. No.:	HY-P701238
Batch No.:	417659
Species:	Others
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	XP_035600424.1 (M1-R155)
Gene ID:	118363560
Molecular Weight:	Approximately 20 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	< 0.2 EU/μg of protein by gel clotting method	PASS
Biological Activity	Measure by its ability by a dose-response proliferation assay using murine Balb/c 3T3 cells. The ED <sub>50</sub> for this effect is <1 ng/mL. The specific activity of this protein is > 1.0 × 10 <sup>6</sup> IU/mg. (It is recommended to experimentally determine the optimal concentration for each specific application by performing a dose response assay.)	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in PBS.	
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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