

**HumanKine<sup>®</sup> FGF-19 (Recombinant Human)**



Animal Component-Free	Human cell expressed	Tag-Free	Endotoxin Free
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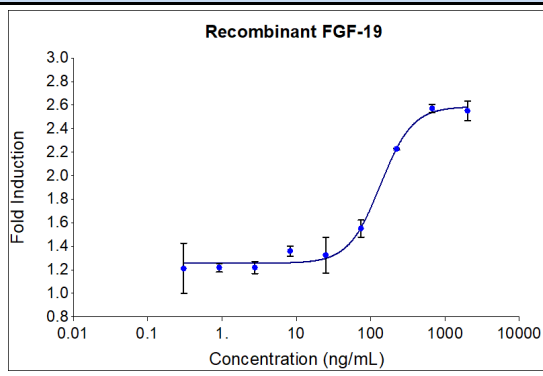
**Product Description**

Alternative Names	FGF-19, FGF19, FGFJ, Fibroblast Growth Factor-19
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived FGF-19 protein

**Specifications**

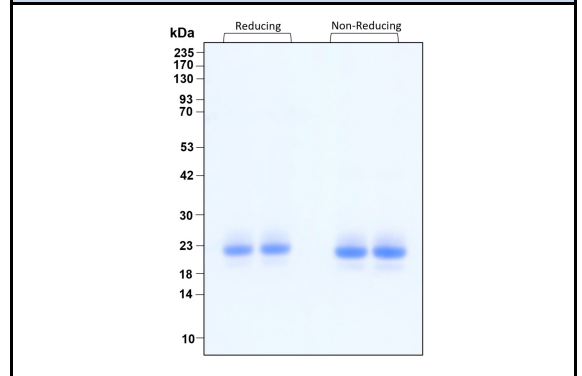
Test	Method	Specification
Activity	Dose-dependent stimulation of the proliferation of the NIH 3T3 cell line in defined media.	50-300 ng/mL EC50
Molecular Mass	SDS-PAGE	23 kDa reduced, 22 kDa non-reduced, monomer, non-glycosylated
Purity	SDS-PAGE	>95%
Endotoxin	LAL	<1 EU/ $\mu$ g

**Activity Data**



Recombinant human FGF-19 (HZ-1330) stimulates dose-dependent proliferation of the NIH/3T3 mouse fibroblast cell line. Viable cell number was quantitatively assessed by Prestoblu<sup>e</sup> Cell Viability Reagent. NIH/3T3 cells were serum starved with 0.02% FBS during treatment with increasing concentrations of recombinant human FGF-19 for 72hrs in defined medium. The EC50 was

**SDS-PAGE**



Preparation	
Shipping Temperature	ambient temperature
Formulation	1x PBS, See Certificate of Analysis for details
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1x PBS pH 7.4 containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)
	Lyophilized	-20°C to -80°C	Until Expiry Date
	Lyophilized	Room Temperature	2 weeks
	Reconstituted as per CofA	-20°C to -80°C	6 months
	Reconstituted as per CofA	4°C	1 week
Avoid repeated freeze-thaw cycles.			

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