

HumanKine[®] FGF-9 (Recombinant Human)



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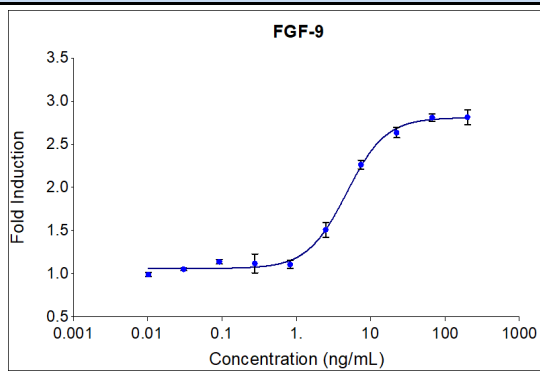
Product Description

Alternative Names	Glia-activating factor (GAF) Heparin-binding growth factor 9 (HBGF-9) Fibroblast Growth Factor-9
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived FGF-9 protein
Species Reactivity	monkey,human

Specifications

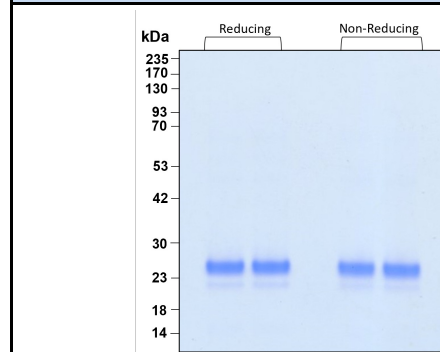
Test	Method	Specification
Activity	Dose-dependent stimulation of the proliferation of 4MBr-5 cells (monkey epithelial cell line).	2-11 ng/mL EC50
Molecular Mass	SDS-PAGE	25 kDa reduced and non-reduced, monomer, glycosylated
Purity	SDS-PAGE	>95%
Endotoxin	LAL	<1 EU/μg

Activity Data



Recombinant human FGF-9 (HZ-1329) induces dose-dependent proliferation of the 4MBr-5 (monkey epithelial) cell line. Cell number was quantitatively assessed by PrestoBlue[®] cell viability reagent. 4MBr-5 cells were treated with increasing concentrations of recombinant FGF-9 for 7 days. The EC50 was determined using a 4-parameter non-linear regression model. The EC50

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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