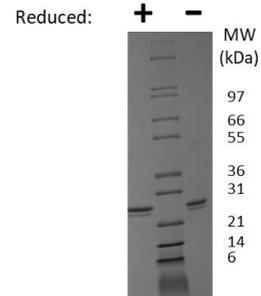
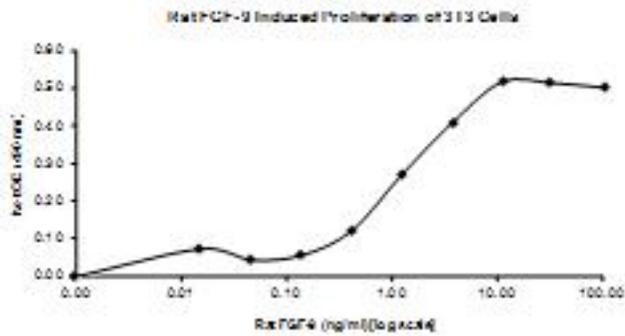


## Fgf9

### Recombinant Rat FGF-9

<b>Catalog No.</b>	CRR303A CRR303B CRR303C	<b>Quantity:</b>	2 µg 100 µg 1 mg
<b>Alternate Names:</b>	Glial activating factor, GAF, Heparin-binding growth factor-9, HBGF-9		
<b>Description:</b>	Fibroblast growth factor 9 (FGF-9) is a mitogen and survival factor for nerve and mesenchymal cells. FGF-9 functions as an autocrine and paracrine factor to support the growth and survival of motor neurons and prostate tissue. FGF-9 expression in the gonad is also necessary for sex determination.		
<b>Gene ID:</b>	25444		
<b>UniProt ID:</b>	P36364		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	Monomer, 23.3 kDa (207 aa)		
<b>Formulation:</b>	Lyophilized from a sterile-filtered solution containing 10 mM sodium phosphate, 75 mM ammonium sulfate, pH 7.5		
<b>Purity:</b>	≥95% by reducing and non-reducing SDS-PAGE		
<b>Endotoxin Level:</b>	≤1 EU/µg by kinetic LAL analysis		
<b>Amino Acid Sequence:</b>	MPLGEVGSYF GVQDAVPFGN VPVLPVDSVP LLSDDLQSQE AGGLPRGPAV TDLHLKGL RRRQLYCRTG FHLEIFPNGT IQGTRKDHRS FGILEFISIA VGLVSIRGVD SGLYLG MNEK GELYGSEKLT QECVFREQFE ENWYNTYSSN LYKHVDTGRR YYVALNKDGT PREGTRTKRH QKFTHFLPRP VDPDKVPELY KDILSQS		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> Add sterile distilled water to reconstitute to a recommended concentration of 0.1 mg/mL and gently pipet solution up and down sides of vial. <b>DO NOT VORTEX.</b> Allow several minutes for reconstitution.		
<b>Storage &amp; Stability:</b>	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C. It is recommended that a carrier protein such as 0.1% HSA or BSA is added for long term storage. <b>Avoid repeated freeze-thaw cycles.</b>		





### Rat FGF-9 Gel

Figure: 1 ug run under (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Rat FGF-9 is predicted to have a MW of 23.3 kDa.

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

