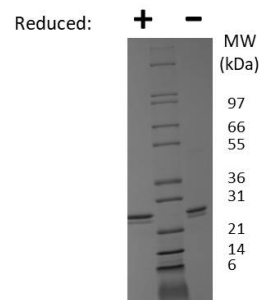
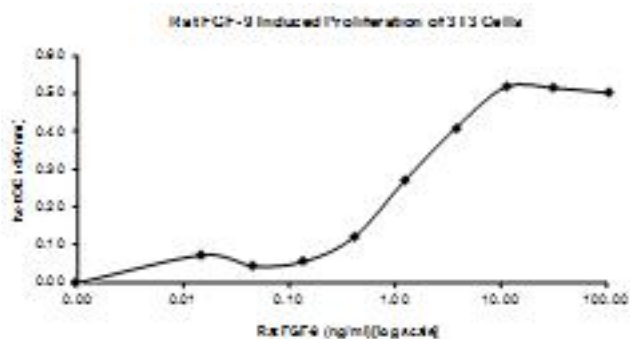


Fgf9

Recombinant Rat FGF-9

Catalog No.	CRR303A CRR303B CRR303C	Quantity:	2 µg 100 µg 1 mg
Alternate Names:	Glial activating factor, GAF, Heparin-binding growth factor-9, HBGF-9		
Description:	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.		
Gene ID:	25444		
UniProt ID:	P36364		
Source:	<i>E. coli</i>		
Molecular Weight:	Monomer, 23.3 kDa (207 aa)		
Formulation:	Lyophilized from a sterile-filtered solution containing 10 mM sodium phosphate, 75 mM ammonium sulfate, pH 7.5		
Purity:	≥95% by reducing and non-reducing SDS-PAGE		
Endotoxin Level:	≤1 EU/µg by kinetic LAL analysis		
Amino Acid Sequence:	MPLGEVGSYF GVQDAVPFGN VVLPVDSPV LLSDHLGQSE AGGLPRGPAV TDLHLKGIL RRRQLYCRTG FHLEIFPNGT IQGTRKDHSR FGILEFISIA VGLVSIRGVD SGLYLGMNEK GELYGSEKLT QECVFREQFE ENWYNTYSSN LYKHVDTGRR YYVALNKDGT PREGTRTKRH QKFTHFLPRP VDPDKVPELY KDILSQS		
Reconstitution:	Centrifuge vial prior to opening. 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. DO NOT VORTEX. Allow several minutes for reconstitution.		
Storage & Stability:	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. Avoid repeated freeze-thaw cycles.		





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.