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32-12057: Rat Fibroblast Growth Factor-9

Gene : Fgf9 **Gene ID :** 25444 **Uniprot ID :** P36364

Alternative Name: Glia-activating factor, HBGF-9, Fgf-9

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 23.3 kDa (207 aa)

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.

Product Info

Amount : $10 \mu g / 100 \mu g$

Purification: Reducing and Non-Reducing SDS PAGE at >= 95%

Lyophilized from a sterile (0.2 micron) filtered agueous solution containing 10 mM sodium

Content: phosphate, 75 mM ammonium sulfate, pH 7.5

Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

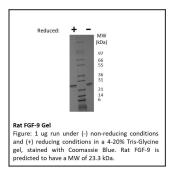
Amino Acid: MPLGEVGSYF GVQDAVPFGN VPVLPVDSPV LLSDHLGQSE AGGLPRGPAV TDLDHLKGIL RRRQLYCRTG

FHLEIFPNGT IQGTRKDHSR FGILEFISIA VGLVSIRGVD SGLYLGMNEK GELYGSEKLT QECVFREQFE ENWYNTYSSN LYKHVDTGRR YYVALNKDGT PREGTRTKRH QKFTHFLPRP VDPDKVPELY KDILSQS

Application Note

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Biological Activity was determined by Bioactive protein. Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.





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