

Recombinant Rat FGF9 Protein

Cat. No. FGF9-96R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FGF9 Protein without tag was expressed in E. coli.
Species	Rat
Source	E.coli
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.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 23.3 kDa (207 aa)
AA Sequence	MPLGEVGSYFGVQDAVPFGNVPVLPVDSPVLLSDHLGQSEAGGLPRGPAVTDLDH LKGILRRRQLYCRTGFHLEIFPNGTIQGTRKDHRSRFGILEFISIAVGLVSIRGVDSGLYL GMNEKGELYGSEKLTQECVFREQFEENWYNTYSSNLYKHVDTGRRYYVALNKDGT PREGTRTKRHQKFTHFLPRPVDPKVPELYKDILSQS
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, 75 mM ammonium sulfate, pH 7.5
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	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 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	Fgf9 fibroblast growth factor 9 [Rattus norvegicus (Norway rat)]
Official Symbol	FGF9
Synonyms	FGF9; fibroblast growth factor 9; GAF; FGF-9; HBGF-9; glia-activating factor;
Gene ID	25444
mRNA Refseq	NM_012952
Protein Refseq	NP_037084

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



UniProt ID

P36364

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA