

Active Native Bovine FGF2 Protein

Cat. No. FGF2-40B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine FGF2 Protein is purified from Bovine brain tissue.
Species	Bovine
Source	Bovine brain
Form	Lyophilized from a 0.2 µm filtered solution in Tris-HCl and NaCl with BSA as a carrier protein.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. Rizzino, A. et al. (1988) Cancer Res. 48:4266; Thomas, K. et al. (1987) Methods Enzymol. 147:120. The ED50 for this effect is 0.125-0.625 ng/mL.
Molecular Mass	18 kDa
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

GENE INFORMATION

Gene Name fibroblast growth factor 2 [Bos taurus (cattle)]**Official Symbol** FGF2**Synonyms** BFGF; FGF-2; HBGF-2**Gene ID** 281161**mRNA Refseq** NM_174056**Protein Refseq** NP_776481**UniProt ID** F1N3T9 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