

## Active Native Bovine FGF2 Protein

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

### SPECIFICATION

<b>Product Overview</b>	Native Bovine FGF2 Protein is purified from Bovine brain tissue.
<b>Species</b>	Bovine
<b>Source</b>	Bovine brain
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in Tris-HCl and NaCl with BSA as a carrier protein.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	18 kDa
<b>Endotoxin</b>	<1.0 EU per 1 µg of the protein by the LAL method.
<b>Purity</b>	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain
<b>Storage</b>	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.
<b>Reconstitution</b>	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

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