# Active Native Bovine FGF2 Protein

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

## SPECIFICATION

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| **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.<br>12 months from date of receipt, -20 to -70 centigrade as supplied.<br>1 month, 2 to 8 centigrade under sterile conditions after reconstitution.<br>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

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| **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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