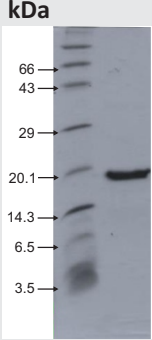


Recombinant Bovine Fibroblast Growth Factor 2 (bFGF2) | SKU: RDRCP39

Datasheet:

Product Name:	Recombinant Bovine Fibroblast Growth Factor 2 (bFGF2) bFGF2 (1-155 aa) Bovine Protein
Description:	Recombinant bovine FGF2 protein (1-155 aa), was expressed in E. coli and purified by using conventional chromatography techniques
Synonyms:	BFGF, HBGF-2
UniProt ID:	P03969
Species Expression host Tag:	Bovine E. coli Tagless
Expression cDNA Clone or AA Sequence:	MAAGSITTLPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDP HIKLQLQAEERGVSIIKGVCANRYLAMKEDGRLLASKCVTDECFFFERLESNNYNTYRS RKYSSWYVALKRTGQYKLGPKTGPGQKAILFLPMSAKS
Predicted MW:	~17.1 kDa
Physical Format:	Lyophilized powder
Concentration:	Lot specific determined by Bradford assay
Purity:	≥ 95% by SDS–PAGE
Endotoxin Level:	≤1EU/μg as determined by Limulus Amebocyte Lysate (LAL) assay
Biological Activity:	Measured in a cell proliferation assay using NIH-3T3 cells. The ED50 for this effect is <4 ng/mL corresponding to an activity of ≥ 1 x 10 ⁷ units/mg
Storage temperature:	–20°C
Stability:	Reconstituted product is stable for 2 weeks at 2–8°C or as aliquots with a carrier protein at –20°C for longer. Avoid multiple freeze-thaw.

Product details:	 Figure 1. SDS-PAGE gel image of Resolve's Recombinant bFGF2 Lane 1: Ladder, Lane 2: bFGF2	

Reconstitution and dilution instructions:

- 1.Reconstitute the lyophilized protein using water for injection (WFI).
- 2.Allow the vial and WFI to equilibrate to room temperature.
- 3.Briefly centrifuge/tap down the vial to allow powder to settle at the bottom of the vial.
- 4.Add WFI to achieve a concentration of at least 0.5 mg/mL.
- 5.Allow the vial to reconstitute for 15–30 minutes at room temperature with gentle agitation. Avoid vigorous shaking or pipetting and prevent foaming/frothing.

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CIN No. U33100MH2020PTC343626 | GSTIN No. 27AAKCR3436N1ZU