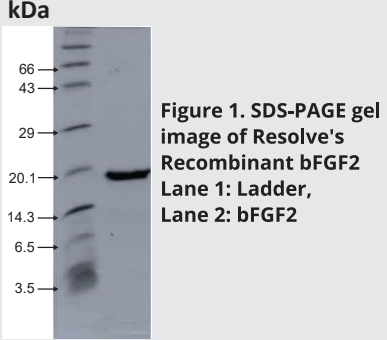


Recombinant Bovine Fibroblast Growth Factor 2 (bFGF2) | SKU: RDRCP39

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 HIKLQLQAEERGVSISIKGVCANRYLAMKEDGRLLASKCVTDECCFFERLESNNYNTYRS RKYSWWYVALKRTGQYKLGPKTGPQGKAILFLPMSAKS
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:	 <p>Figure 1. SDS-PAGE gel image of Resolve's Recombinant bFGF2 Lane 1: Ladder, Lane 2: bFGF2</p>	
	<h1>bFGF2</h1>	
	Batch no.	DbFGF2P05/24(ER)
	Quantity	20 μg
	Manufacturing	Mar 2025

- 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.