

Fibroblast Growth Factor Basic Bovine

Item Number	rAP-2222
Synonyms	HBGH-2, HBGF-2, Prostatropin, FGF-2, FGB-b.
Description	FGF-2 Bovine purified from bovine pituitary is a single, glycosylated, polypeptide chain having a molecular mass of 16kDa. The basic-FGF is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P03969
Amino Acid Sequence	
Source	Bovine Pituitary.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized FGF2 Bovine although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-b Bovine should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	The FGF-basic Bovine was lyophilized from a concentrated sterile solution containing 50mM Na ₂ HPO ₄ , pH -7.5 & 0.5% HSA. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized FGF-2 Bovine in sterile 18M-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The recommended concentration in responsive cells is 0.1 to 2ng/ml.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**