

Recombinant Human FGF2

Catalog No.	CRF029A CRF029B CRF029C	Quantity:	2 µg 10 µg 1 mg
Alternate Names:	Fibroblast Growth Factor 2, Fibroblast Growth Factor basic, FGF basic, BFGF, FGFB, HBFG-2		
Description:	Recombinant human Fibroblast Growth Factor 2 is a single, glycosylated polypeptide chain containing 155 amino acids.		
Concentration:	0.5 mg/ml		
GenelD:	2247		
Protein Accession No:	NP_001997		
Source:	Sf9 insect cells		
Molecular Weight:	17.353 kDa		
Formulation:	Sterile filtered liquid in 20 mM Tris, pH 7.9 + 100 mM KCl + 1 mM DTT + 20% glycerol		
Purity:	> 98% as determined by SDS-PAGE and RP-HPLC analyses		
Endotoxin Level:	< 0.1 ng/µg of protein		
Biological Activity:	Calculated by the dose-dependant proliferation of BAF3 cells expressing FGF receptors (measured by ³ H-thymidine uptake). The ED ₅₀ is < 0.5 ng/ml.		
Specific Activity:	2 x 10 ⁶ Units/mg		
Amino Acid Sequence:	The sequence of the first five N-terminal amino acids is Ala-Ala-Gly-Ser-Ile.		
Storage & Stability:	Store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer for long term storage. Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

