

# Product Datasheet

## Recombinant Human FGF-10 Animal-Free Protein NBP2-76198-5ug

Unit Size: 5 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-76198-5ug**

## Recombinant Human FGF-10 Animal-Free Protein

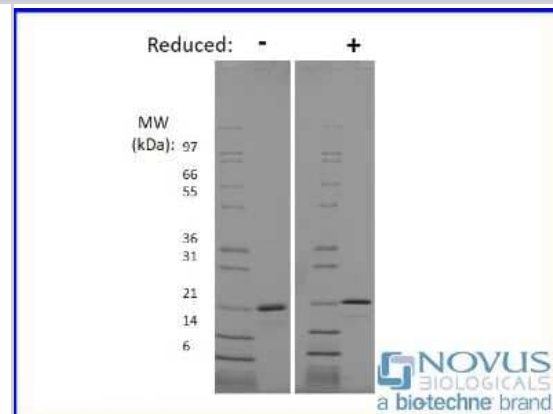
Product Information	
Unit Size	5 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Sterile water at 0.1 mg/mL
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate, pH 7.5
Target Molecular Weight	19.3 kDa

Product Description	
Description	For prolonged storage, dilute to working aliquots.  Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
Gene ID	2255
Gene Symbol	FGF10
Species	Human
Specificity/Sensitivity	FGF-10 is a monomer, 19.3 kDa (170 aa)
Preparation Method	Protein is derived from genetically modified E. coli.
Details of Functionality	4MBr-5 cell proliferation, $>5.0 \times 10^3$ units/mg (ED50 acceptance criteria are $<200$ ng/mL).
Endotoxin Note	Acceptance criteria for endotoxin levels are $<1$ EUs/ug protein (determined by Kinetic LAL Method).

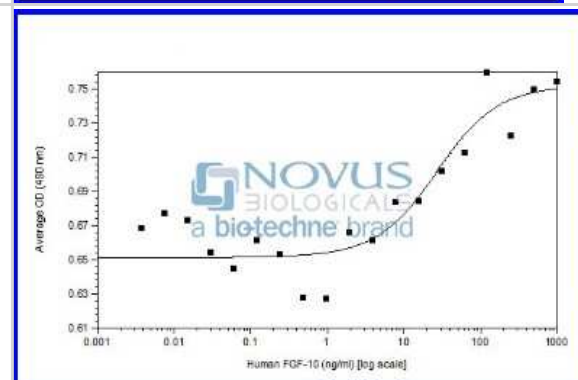
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.

## Images

SDS-Page: Recombinant Human FGF-10 Animal-Free Protein [NBP2-76198] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human FGF-10 Animal-Free Protein [NBP2-76198] - FGF-10 induced proliferation of 4MBR5 cells.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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