

# Product Datasheet

## Recombinant Human FGF-6 Animal-Free Protein **NBP2-76276-5ug**

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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**NBP2-76276-5ug**

## Recombinant Human FGF-6 Animal-Free Protein

**Product Information**

<b>Unit Size</b>	5 ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	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.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Sterile water at 0.1 mg/mL. If a precipitate is observed, centrifuge the solution thoroughly and use only the soluble fraction (removing it from the precipitate). A 10% overfill has been added to compensate for any loss of protein in the precipitate.
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate and 50 mM sodium chloride, pH 7.5
<b>Target Molecular Weight</b>	18.9 kDa

**Product Description**

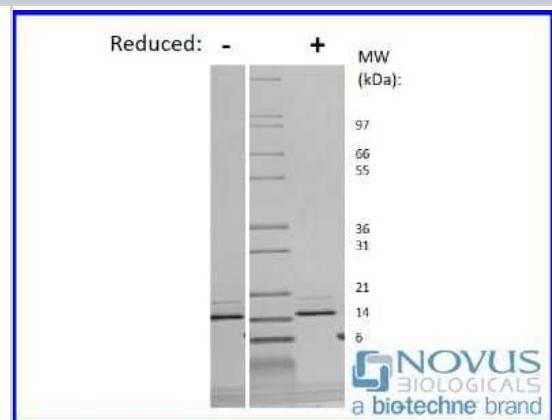
<b>Description</b>	For prolonged storage, dilute to working aliquots.  Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
<b>Gene ID</b>	2251
<b>Gene Symbol</b>	FGF6
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	FGF-6 is a monomer, 18.9 kDa (169 aa)
<b>Preparation Method</b>	Protein is derived from genetically modified E. coli.
<b>Details of Functionality</b>	NR6R-3T3 Proliferation w/ 1 ug heparin, >1.0 x 10^6 units/mg (ED50 acceptance criteria are <1 ng/mL).
<b>Endotoxin Note</b>	Acceptance criteria for endotoxin levels are <1 EU/ug protein (determined by Kinetic LAL Method).

**Product Application Details**

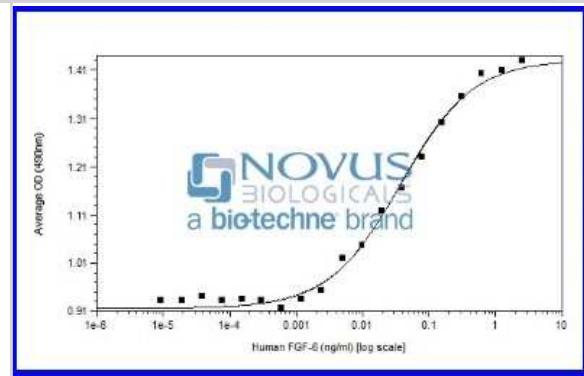
<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity
<b>Application Notes</b>	Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.

## Images

SDS-Page: Recombinant Human FGF-6 Animal-Free Protein [NBP2-76276] - 1 ug in each lane (-) non-reducing conditions and (+) reducing conditions in a 4-20% Tris-Glycine gel.



Bioactivity: Recombinant Human FGF-6 Animal-Free Protein [NBP2-76276] - FGF-6 induced proliferation of NR6-R 3T3 cells.





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## Limitations

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