

# Product Datasheet

## Recombinant Human FGF acidic/FGF1 Protein **NBP2-26558**

Unit Size: 50 ug

Store at -20C. Avoid freeze-thaw cycles.

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Updated 10/3/2023 v.20.1

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**NBP2-26558**

## Recombinant Human FGF acidic/FGF1 Protein

**Product Information**

<b>Unit Size</b>	50 ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute the lyophilized Fibroblast Growth Factor-acidic in sterile 18 M omega-cm water at 4 degrees Celsius at a concentration of 0.1 mg-0.25 mg per 1ml. Allow sample to sit for 5 min. at 4 degrees, spin to remove precipitant.
<b>Purity</b>	>95%, by HPLC.
<b>Buffer</b>	Lyophilized from PBS.
<b>Target Molecular Weight</b>	15.8 kDa

**Product Description**

<b>Description</b>	Recombinant biologically active FGF1 protein.  <b>Source:</b> <i>E. coli</i>  <b>Amino Acid Sequence:</b> MFNLPPGNYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHQLQLSAESVG EVYIKSTETGQYLAMTDGLLYGSQTPNEECLFLERLEENHYNTYISKKHAEKN WFVGLKKNGSCKRGPRTHYGQKAILFLPLPVSSD
<b>Gene ID</b>	2246
<b>Gene Symbol</b>	FGF1
<b>Species</b>	Human
<b>Details of Functionality</b>	Recombinant FGF-1 is fully biologically active when compared to standards. The ED50, calculated by the dose-dependant proliferation of mouse BALB/c 3T3 cells is less than 0.5 ng/ml, corresponding to a specific activity of > 2,000,000 IU/mg.
<b>Notes</b>	After reconstitution, store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Endotoxin Note</b>	Less than 0.1 ng/ug (IEU/ug) of FGF-acidic .

**Product Application Details**

<b>Applications</b>	Bioactivity
<b>Recommended Dilutions</b>	Bioactivity



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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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