

# Product Datasheet

## Recombinant Human FGF acidic/FGF1 Protein NBP2-61310-10ug

Unit Size: 10ug

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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**NBP2-61310-10ug****Recombinant Human FGF acidic/FGF1 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10ug
<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>	5% Trehalose
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	> 97 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4, 2 mM EDTA, 0.5 mM DTT.
<b>Target Molecular Weight</b>	17.3 kDa

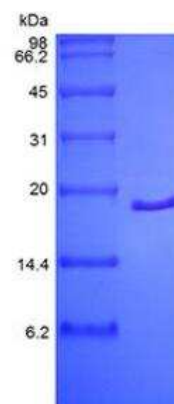
<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 154 amino acids corresponding to FGF acidic/FGF1 <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P05230</p> <p><b>Amino Acid Sequence:</b> AEGETTFTA LTEKFNLP PG NYKKPKLLYC SNGGHFLRIL PDGTVDGTRD RSDQHIQLQL SAESVGEVYI KSTETGQYLA MDTDGLLYGS QTPNEECLFL ERLEENHYNT YISKKHAEKN WFGVGLKKNGS CKRGPRTHYG QKAILFLPLP VSSD</p>
<b>Gene ID</b>	2246
<b>Gene Symbol</b>	FGF1
<b>Species</b>	Human
<b>Details of Functionality</b>	FGF acidic/FGF1 protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 0.5 ng/ml, corresponding to a specific activity of > 2.0 x 10 <sup>6</sup> IU/mg in the presence of 10 ug/ml of heparin.
<b>Endotoxin Note</b>	Less than 0.1 EU/ug of FGF acidic/FGF1 as determined by LAL method.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Bioactivity
<b>Recommended Dilutions</b>	Western Blot, Bioactivity



## Images

SDS-Page: Recombinant Human FGF acidic/FGF1 Protein [NBP2-61310]





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### **Products Related to NBP2-61310-10ug**

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NBP2-35052-10ug	Recombinant Human FGF acidic/FGF1 Protein
236-EG-200	EGF [Unconjugated]
AF232	FGF acidic/FGF1 Antibody [Unconjugated]
210-TA-005	TNF-alpha [Unconjugated]

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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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