

### Recombinant human FGF1 protein ab91374

[1 Image](#)

#### Description

<b>Product name</b>	Recombinant human FGF1 protein
<b>Biological activity</b>	Activity: The ED <sub>50</sub> as determined by a cell proliferation assay using MTS assay kit with Balb/c3T3 cells was < 10 pg/ml, corresponding to a specific activity of < 1 x 10 <sup>8</sup> units/mg.
<b>Purity</b>	> 98 % SDS-PAGE. Filter sterilized.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human

#### Specifications

Our **Abpromise guarantee** covers the use of **ab91374** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Western blot Functional Studies
<b>Form</b>	Liquid

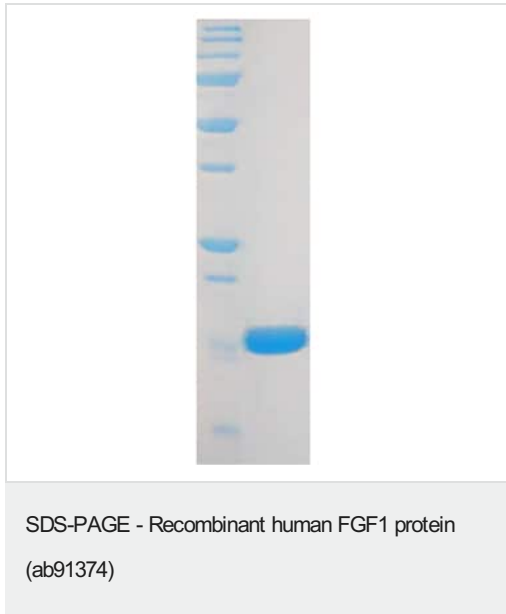
#### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  pH: 6 Constituents: 0.164% Sodium phosphate, 50% Glycerol, 0.87% Sodium chloride, PBS  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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#### General Info

<b>Function</b>	The heparin-binding fibroblast growth factors play important roles in the regulation of cell survival, cell division, angiogenesis, cell differentiation and cell migration. They are potent mitogens in vitro.
<b>Sequence similarities</b>	Belongs to the heparin-binding growth factors family.
<b>Cellular localization</b>	Secreted. Cytoplasm. Cytoplasm > cell cortex. Lacks a cleavable signal sequence. Within the cytoplasm, it is transported to the cell membrane and then secreted by a non-classical pathway that requires Cu(2+) ions and S100A13. Secreted in a complex with SYT1.

## Images



SDS-PAGE showing ab91374 at 15.8kDa.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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