

### Recombinant human FGF18 protein ab50129

#### Description

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| <b>Product name</b>        | Recombinant human FGF18 protein  |
| <b>Biological activity</b> | Biological Activity: Determined by dose-dependent ability to reduce tetrazolium salt, WST-8, by dehydrogenase activities of BaF3 cells expressing FGF receptors using Cell Counting Kit-8 (CCK-8).                       |
| <b>Purity</b>              | > 95 % SDS-PAGE.<br>Greater than 95% by SDS-PAGE.  |
| <b>Expression system</b>   | Escherichia coli   |
| <b>Protein length</b>      | Protein fragment   |
| <b>Animal free</b>         | No   |
| <b>Nature</b>              | Recombinant  |
| <b>Species</b>             | Human  |
| <b>Sequence</b>            | MAEENVDFRI HVENQTRARD DVSRKQLRLY<br>QLYSRTSGKH IQVLGRRISA RGEDGDKYAQ<br>LLVETDTFGS QVRIKGKETE FYLCMNRKGK<br>LVGKPDGTSK ECVFIEKVLE NNYTALMSAK<br>YSGWYV/GFTK KGRPRKGPKT RENQQDVHFM<br>KRYPKGQPEL QKPFKYTTVT KRSRRIRPTH PA |

#### Specifications

Our **Abpromise guarantee** covers the use of **ab50129** in the following tested applications.

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

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|---------------------|--------------------------------|
| <b>Applications</b> | SDS-PAGE<br>Functional Studies |
|---------------------|--------------------------------|

|             |             |
|-------------|-------------|
| <b>Form</b> | Lyophilized |
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#### Preparation and Storage

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| <b>Stability and Storage</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.<br>Constituents: 0.121% Tris, 0.116% Sodium chloride<br>This product is an active protein and may elicit a biological response in vivo, handle with caution. |
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**Reconstitution**

Centrifuge the vial prior to opening. Reconstitute in 5mM Tris, pH 8.0 to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C; for up to 1 week. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C; to -80°C;.

**General Info**

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**Function**

Plays an important role in the regulation of cell proliferation, cell differentiation and cell migration. Required for normal ossification and bone development. Stimulates hepatic and intestinal proliferation.

**Sequence similarities**

Belongs to the heparin-binding growth factors family.

**Cellular localization**

Secreted.

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**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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- Replacement or refund for products not performing as stated on the datasheet
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