

Product datasheet

Recombinant human FGF18 protein ab50129

Description

Product name	Recombinant human FGF18 protein
Biological activity	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).
Purity	> 95 % SDS-PAGE. Greater than 95% by SDS-PAGE.
Expression system	Escherichia coli
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAEENVDFRI HVENQTRARD DVSRKQLRLY QLYSRTSGKH IQVLGRRISA RGEDGDKYAQ LLVETDTFGS QVRIKKGKETE FYLCMNRKGG LVGKPDGTSK ECVFIEKVL NNYTALMSAK YSGWYVGF TK KGRPRKGP KT RENQQDVHFM 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.

Applications	SDS-PAGE Functional Studies
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituents: 0.121% Tris, 0.116% Sodium chloride 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

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.

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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