

Recombinant human FGF6 protein ab50130

Description

Product name	Recombinant human FGF6 protein
Biological activity	Determined by a cell proliferation assay using Balb/c 3T3 cells. The expected ED ₅₀ is ≤ 0.1 ng/ml, corresponding to a specific activity of ≥ 1 x 10 ⁷ units/mg.
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	GTRANNTLL DSRGWGTTLS RSRAGLAGEI AGVNWESGYL VGIKRQRRLY CNVGIGFHLQ VLPDGRISGT HEENPYSLLE ISTVERGVVS LFGVRSALFV AMNSKGRLYA TPSFQEECKF RETLLPNNYN AYESDLYQGT YIALSKYGRV KRGSKVSPIM TVTHFLPRI
Amino acids	41 to 208

Specifications

Our **Abpromise guarantee** covers the use of **ab50130** 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: 0.164% Sodium phosphate, 1.65% Ammonium sulphate Endotoxin level is less than 0.1 ng per µg (1EU/µg).
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.5-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. Repeated freeze thaw cycles will result in some loss of activity.

General Info

Function

Plays an important role in the regulation of cell proliferation, cell differentiation, angiogenesis and myogenesis, and is required for normal muscle regeneration.

Tissue specificity

Leukemia cell lines with platelet/ megakaryocytic differentiation potential.

Sequence similarities

Belongs to the heparin-binding growth factors family.

Cellular localization

Secreted > extracellular space.

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

- 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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