

Product datasheet

Recombinant human FGF17 protein ab9991

1 Image

Description

Product name	Recombinant human FGF17 protein
Purity	> 95 % SDS-PAGE. Endotoxin level is less than 0.1 ng per g (1EU/g).
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	25 kDa

Specifications

Our **Abpromise guarantee** covers the use of **ab9991** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Lyophilized
Additional notes	The ED50, as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors, is < 0.5 ng/ml, corresponding to a specific activity of > 1 x 10 ⁶ units/mg.

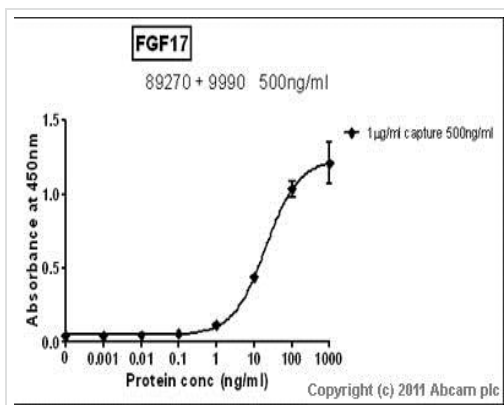
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituents: 0.164% Sodium phosphate, 0.29% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	For lot specific reconstitution information please contact our Scientific Support Team.

General Info

Function	Plays an important role in the regulation of embryonic development and as signaling molecule in the induction and patterning of the embryonic brain. Required for normal brain development.
Tissue specificity	Preferentially expressed in the embryonic brain.
Sequence similarities	Belongs to the heparin-binding growth factors family.
Developmental stage	Detected in embryos at E14.5, but not at E10.5 and E19.5. Preferentially expressed in the neuroepithelia of the isthmus and septum of the embryonic brain at E14.5.
Cellular localization	Secreted.

Images



Standard curve for FGF17 (Analyte: ab9991); dilution range 1pg/ml to 1µg/ml using Capture Antibody **ab89270** at 1µg/ml and Detector Antibody **ab9990** at 0.5µg/ml.

Sandwich ELISA - Recombinant human FGF17 protein (ab9991)

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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors