

Product datasheet

Recombinant human FGF17 protein ab9991

1 Image

Overview

Product name	Recombinant human FGF17 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Species	Human
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
Endotoxin level	< 0.100 Eu/µg
Form	Lyophilised
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.

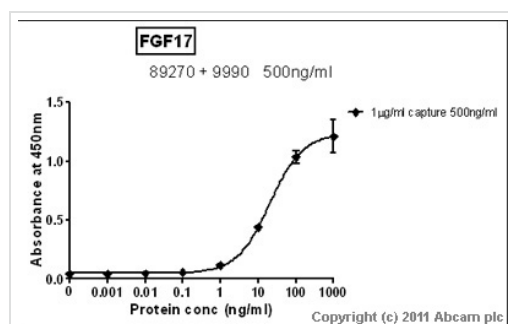
Preparation and Storage

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. pH: 8.00 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.
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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



Sandwich ELISA - Recombinant human FGF17 protein (ab9991)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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