

Recombinant human FGF16 protein ab9865

製品の詳細

製品名	Recombinant human FGF16 protein
生理活性	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).
精製度	> 95 % SDS-PAGE. Endotoxin level is less than 0.1 ng per g (1EU/g).
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MAEVGGVFASL DWDLHGFSSS LGNVPLADSP GFLNERLGQI EGKLQRGSPT DFAHLKGILR RRQLYCRTGF HLEIFPNGTV HGTRHDHSRF GILEFISLAV GLISIRGVDS GLYLGMMNERG ELYGSKKLTR ECVFREQFEE NWYNTYASTL YKHSDSERQY YVALNKDGSP REGYRTRRHQ KFTHFLPRPV DPSKLPSMSR DLFHYR
予測される分子量	24 kDa

特性

Our **Abpromise guarantee** covers the use of **ab9865** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies
製品の状態	Lyophilized
備考	Human FGF-16 is fully biologically active when compared to standards. 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 > 2 x 10 ⁶ units/mg For most in vitro applications, FGF-16 exerts its biological activity in the concentration range of 0.1 to 20.0 ng/ml.

前処理および保存

保存方法および安定性	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. This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	For initial reconstitution, please reconstitute this product in water to 0.1 - 1 mg/mL. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
関連情報	
機能	Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation, and is required for normal cardiomyocyte proliferation and heart development.
配列類似性	Belongs to the heparin-binding growth factors family.
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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

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