

Recombinant mouse FGF21 protein (Active) ab216199

描述

产品名称	重组小鼠FGF21蛋白(Active)
生物活性	ab216199 is fully biologically active when compared to standard. The ED ₅₀ as determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 0.5 µg/ml, corresponding to a specific activity of > 2.0 × 10 ³ IU/mg in the presence of 5 µg/ml of rMuKlotho-β and 10 µg/ml of heparin.
纯度	> 97 % SDS-PAGE. >97 % by HPLC.
表达系统	Escherichia coli
Accession	<u>Q9JJN1</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	<pre> AYPIPDSSPL LQFGGQVRQR YLYTDDDQDT EAHLEIREDG TVVGAHRSP ESLLELKALK PGVIQILGVK ASRFLCQQPD GALYGSPHFD PEACSFRELL LEDGYNVYQS EAHGLPLRLP QKDSPNQDAT SWGPVRFLLPM PGLLHEPQDQ AGFLPPEPPD VGSSDPLSMV EPLQGRSPSY AS </pre>
预测分子量	20 kDa
氨基酸	29 to 210
额外的序列信息	A single non-glycosylated polypeptide chain containing 182 amino acids. This product is for the mature full length protein. The signal peptide is not included.

技术指标

Our **Abpromise guarantee** covers the use of **ab216199** in the following tested applications.

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

应用	Functional Studies
	HPLC
	SDS-PAGE

形式 Lyophilized

制备和贮存

稳定性和存储 Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

pH: 7.40

Constituent: 100% PBS

Lyophilized from a 0.2 µm filtered concentrated solution in 3 × PBS.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶 Briefly centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml.

常规信息

功能 Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of KLB.

序列相似性 Belongs to the heparin-binding growth factors family.

细胞定位 Secreted.

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

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