

Recombinant human FGF21 protein (Active) ab54141

1 References

描述

产品名称	重组人FGF21蛋白(Active)
生物活性	Determined by its ability to stimulate the proliferation of murine NIH-3T3 cells.
纯度	> 90 % SDS-PAGE. >90% HPLC analyses.
内毒素水平	< 1.000 Eu/μg
表达系统	Escherichia coli
Accession	<u>Q9NSA1</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MHPIPDSSPL LQFGGQVRQR YLYTDDAQQT EAHLEIREDG TVGGAADQSP ESLLQLKALK PGVIQILGVK TSRFLCQRPD GALYGSLHFD PEACSFRELL LEDGYNVYQS EAHGLPLHLP GNKSPHRDPA PRGPARFLPL PGLPPALPEP PGILAPQPPD VGSSDPLSMV GPSQGRSPSY AS
预测分子量	20 kDa
氨基酸	29 to 209
额外的序列信息	Full length Mature protein, minus the signal peptide.

技术指标

Our **Abpromise guarantee** covers the use of **ab54141** 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 SDS-PAGE HPLC
形式	Lyophilized
补充说明	For extended storage, further dilute the reconstituted protein in a buffer (example PBS) containing

a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

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

复溶

Reconstituted FGF-21 is stable for at least 3 months when stored in working aliquots with a carrier protein at -20°C. We recommend to reconstitute it in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For lot specific reconstitution information please contact our Scientific Support Team.

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.

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